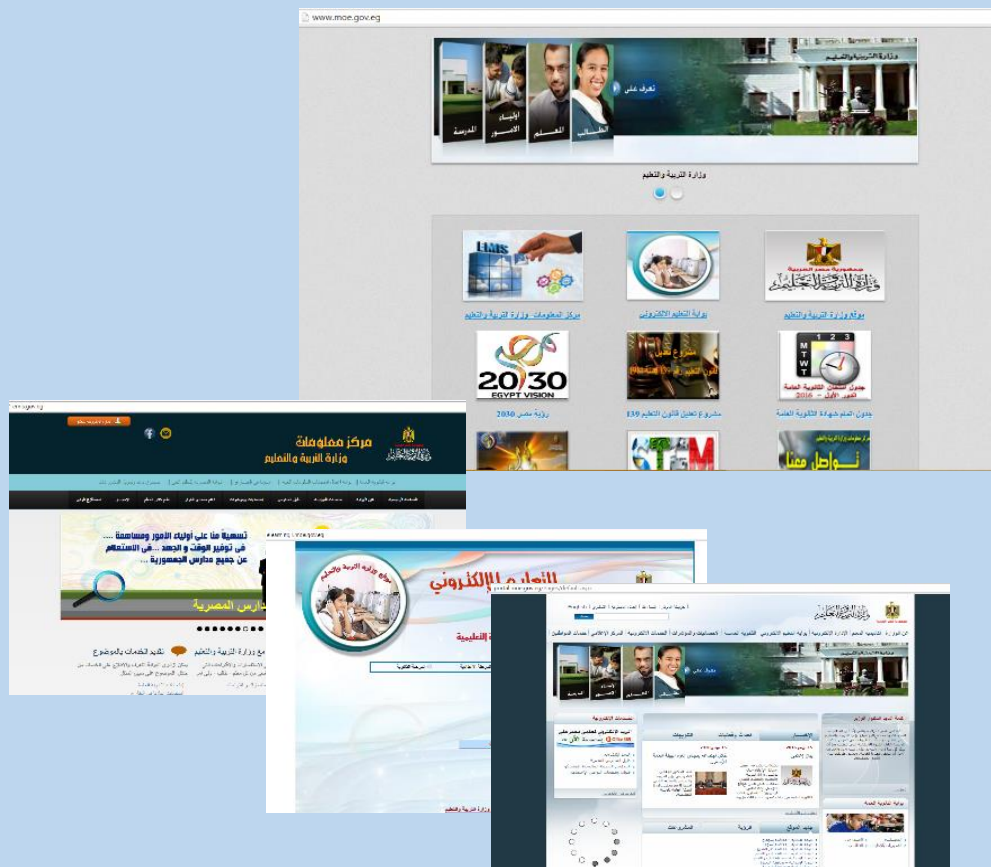
Unit One

Concepts and basics

Of

Websites

Objective

General Objective

To identify the content of website

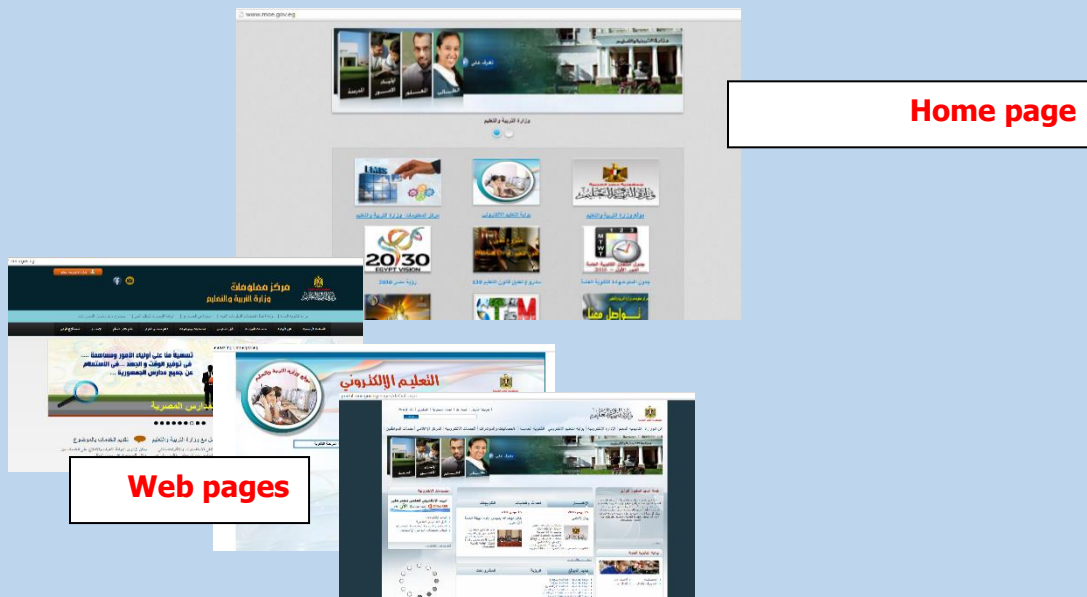
Specific Objectives

By the end of this lesson, the students will be able to

- Identify the concept of Website, Home Page, and Webpage.
- Deduce that the website has more than webpage.
- Deduce the content of webpage [Text, image, video, hyperlink,..etc]
- Identify the concept of static webpage.
- Identify the concept of Interactive webpage,.

WebSites

A Website is a webpage or more, connected with each other, with a certain name and Web address. The website can be visited on the computer or the cell phone.

Cooperating with your classmates and with the help of the teacher:
-Define the website.
-Define the Home page .
-Define the webpage.
-Deduce that the website consists of more than a webpage.
-Upload the website of the ministry of Education http://www.moe.gov.eg
The teacher discusses with the students the following:
Website – Home page – Webpage

Website:

It is a site on the internet that consists of a webpage or more, it is visited through a certain web address.

Web Page:

It is a document with electronic content on the internet which can be shown through a web browser.

Home Page:

It is the opening page in the website through which other pages can be visited.

Web page components

Cooperating with your classmates and with the help of the teacher:
- Deduce the components of the webpage [text- images- sound- video-hyperlinks, etc]
- Deduce the types of Data shown on the web page.
-Deduce the components of the different types of web pages.

The components of the web page are: images, text, audio , video and hyperlink

Components of the web page:

The web page inculds texts , images, audio files, videos and hyperlinks.

Static and interactive web pages

Activity

Cooperating with your classmates and with the help of the teacher :
-open a website and roam its pages
-identify the Static web page components, which don't change each time you visit the page. It can have texts, images, sound or video clips, which can't be modified.

"Static Web Page"

Static Web Page:
The content of these pages is previously prepared by the page developer. The content doesn't change and can't be edited by the visitor. It is designed by HTML code I designing such pages. We will see how to design these pages later by using HTML.

-

The interactive web pages

- Dear student, The e-learning page on the Ministry of Education website requires deciding the stage and school term to be able to see the curriculum or the text book of a certain school year.
- Fill in the form, click “search” and write down notes on what happens.

-The contact us page on the Ministry of Education Website requires filling some information.
- Fill in the required information and click sign in.
- Type your notes of what you see.

Interactive web pages

Interactive Web Page:

It is a webpage that has a content allowing the visitors to interact with and manipulate. This type is designed by HTML , JavaScript, PHP and others.

Exercise

Cooperating with your classmates and with the help of the teacher, open websites like

- http://www.sis.gov.eg
- http://www.ahram.org.eg

Identify the homepage.

-Identify the content of the website [text, images, video or hyperlinks]

-Identify the static web page.

-identify the interactive webpage.

Remember:

Website:

It is a site on the internet that consists of a webpage or more, it is visited through a certain web address.

Web Page:

It is a document with electronic content on the internet which can be shown through a web browser.

Home Page:

It is the opening page in the website through which other pages can be visited

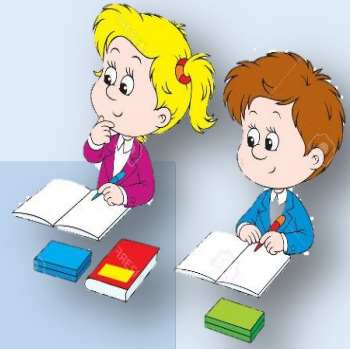
Static Webpage:

The content of these pages is previously prepared by the page developer. The content doesn't change and can't be edited by the visitor . It is designed by HTML code

Interactive Webpage:

It is a webpage that has a content allowing the visitors to interact with and manipulate. This type is designed by HTML , JavaScript , PHP and others.

Prepare for the next lesson

What are the stages to design and create a website?

Exercises

Question 1 : Complete the following:

- The website is ………………………………………
- The webpage is………………………………………
- The Homepage is ……………………………………
- The static webpage is ……………………………..
-The interactive webpage is…………………………

Question 2

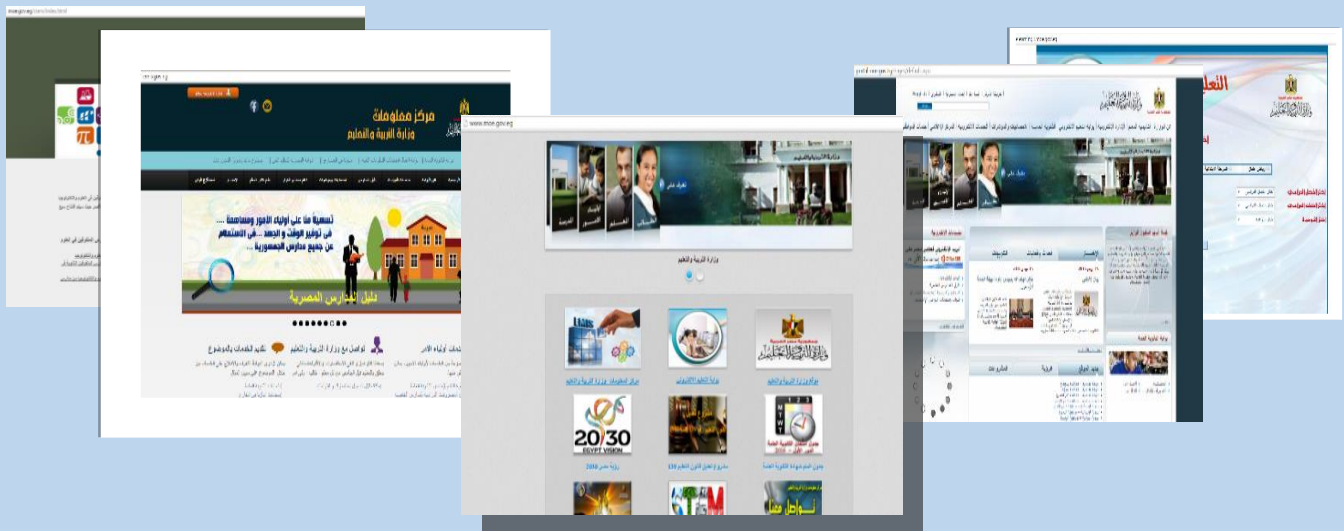
Open this website http://www.egynews.net

-Identify the homepage.

- State the contents of the homepage [text, images, video, hyperlinks,…]

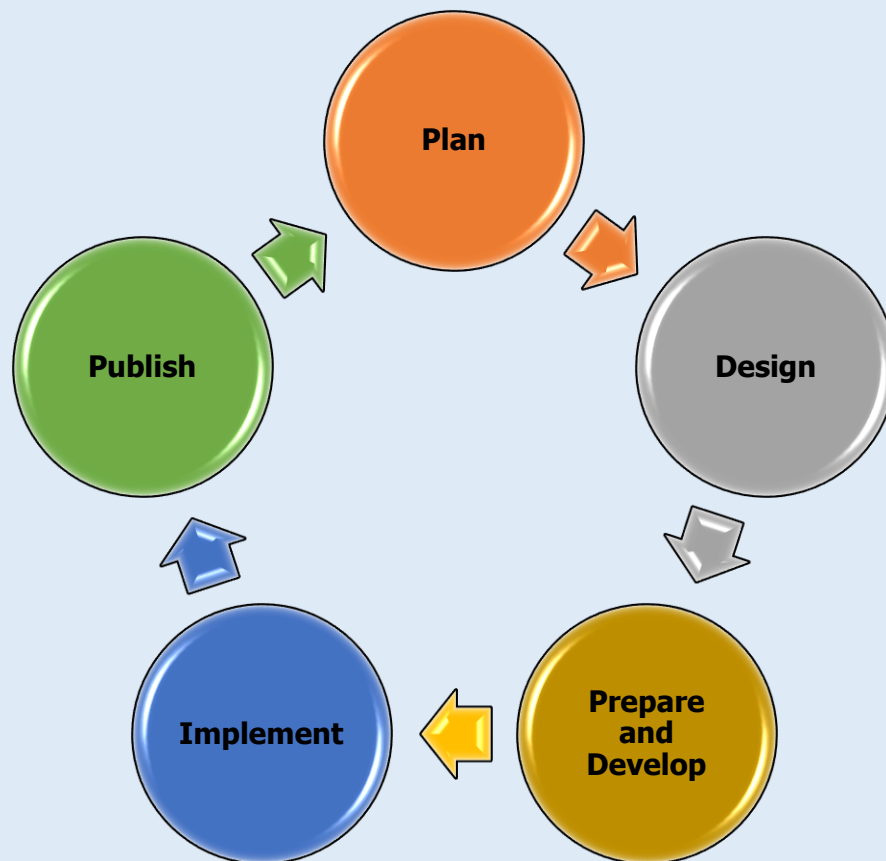
-What type is the homepage: static or interactive ?

- Go through the site pages and identify the page contents, then decide if it is a static or an interactive web page.

Stages of designing and creating

a Website

Stages of designing and creating a website

Designing and creating a website goes through stages that can be set here:

- The first stage: planning to create a website.
- The second stage: design the web pages.
-The third stage: prepare and develop the web pages.
-The fourth stages: implement the web pages.
- The fifth stage: publish the website on the internet

Stages of designing and creating a website

The First Stage: Planning

In this stage, we draw a simple diagram of the web pages of the website, the homepage and the connected pages
- Decide the information and data to be included as data or service according to the need.

Activity

Cooperating with your classmates and with the help of the teacher, plan a website with the following

- Title and subject to be dealt with in the website.

-The number of pages [the homepage and the web pages]

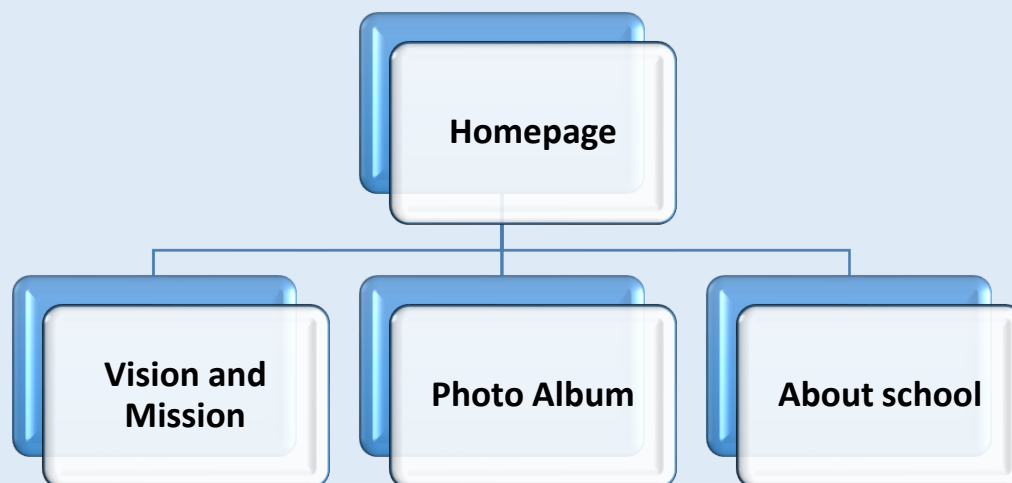
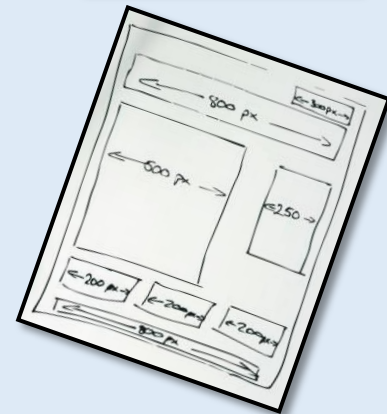
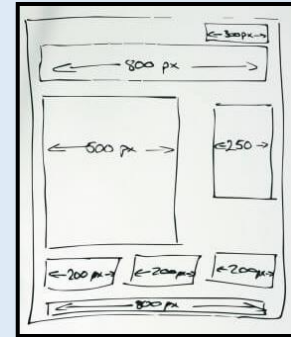
- Plan the diagram of the homepage and other web pages, decide the information and data to be shown.

The Second Stage: Design the web page

This stage is the most important one as we design the format and shape of the homepage and other pages. The different format types are designed, the colour, the background, the font size and type, place of putting text, images and video clips and decide the different hyperlinks inside the same page and connected with other pages in the website.

Cooperating with your classmates and with the help of the teacher:

- Design the shape of the home page and the other web pages.
- Design the hyperlinks.

- Design the places to put text, images and video clips on the page.

"A diagram for designing a website " My Schoolمدرستي

The Third stage: Prepare and develop

This stage consists of important steps which are as follows:

- Prepare the text which will be added to the page using a text editor program and save it in a folder.

-Prepare the image files and save them in a folder.

-Prepare the video and sound files and save them in a folder. Later on we will know how to create and edit these files.

1-prepare the text files:

Cooperating with your classmates and with the help of the teacher:

-Search for the suitable text files to be used in the web page.

-Select the needed text files for each web page. The search for the text files can be done through the internet or asking the school administration about information like:

When did the school open? The school address. The telephone number. Vision and mission of the school.

2-Prepare the image files

Cooperating with your classmates and with the help of the teacher:
-take photos of the school, the classes, the playground and labs.
- collect the photos of school activities and competitions, photos of certificates and prizes which the school won.
- save the images in a folder in a drive

activities

-Take photos using a digital camera or a mobile phone camera.

- Collect the images about the activities which the students do.
- collect the images of the school competitions at school or at the educational administration [Idara}

-Collect images about the certificates and prizes which the school won.

-Input these images to the computer using a scanner, mobile data cable or any other way. Create a folder " Pro1" to save the images in it.

Exercise

- Cooperating with your classmates and with the help of the teacher:
- identify some image file types.

-Search the internet for images with the extension JPG- GIF-BMP-PNG and discuss the difference between each type.

3-Prepare the sound and video files:

This will be discussed in the following lessons.

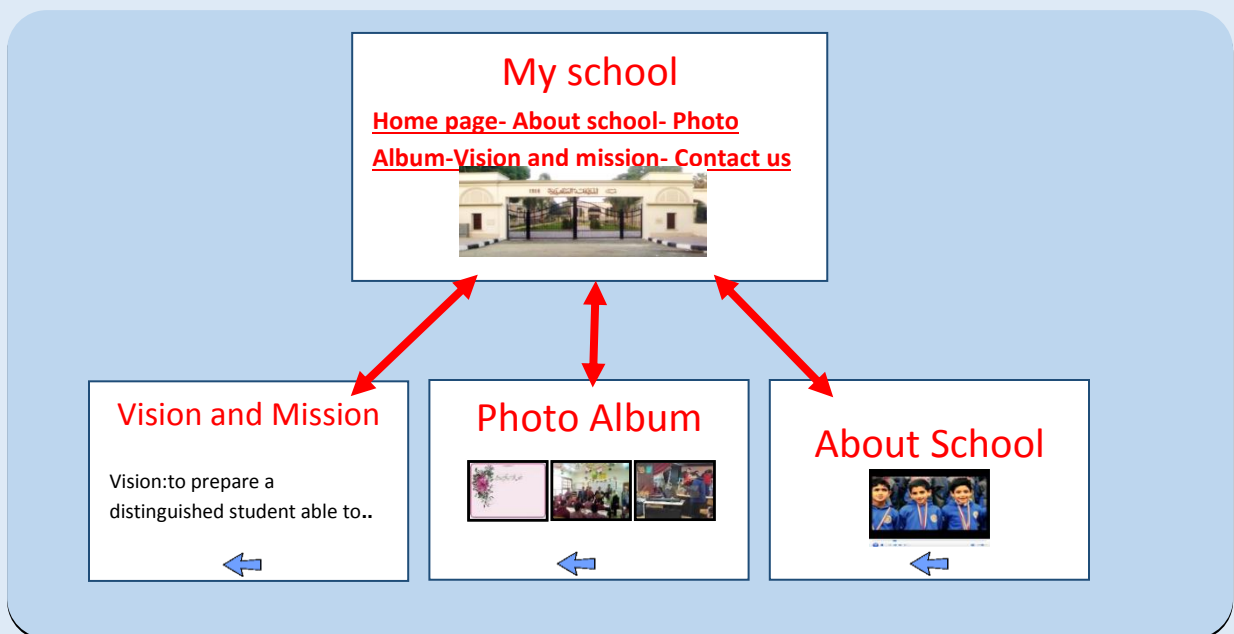
Stage Four: Implementation

This is the stage when we change the paper design into web page to be shown and visited on the internet with an internet browser program.

- Input the data, text, images, nd videos and so on.
- Create the necessary hyperlinks to connect the different pages and facilitate browsing the site. This is done using HTML codes.

Stage five: Publish on the internet

-In this stage, a web address is taken and the storage capacity is decided to save on one of the servers and publish the site on the internet

A suggested diagram of the website "My School"مدرستي "

Remember

Designing and creating websites has many stages:

Stage one : planning

- Set up a simple diagram on paper for the homepage and the site pages.

-Decide the data and information to be used in the webpage.

Stage two :design the format and shape of the homepage and web pages

Design the page format

Select the background colour.

-Select the places to add text files, images, videos and sound files.

-Create the hyperlinks connecting the pages .

Stage Three : Prepare and develop

This stage consists of important steps which are as follows:

- Prepare the text which will be added to the page using a text editor program and save it in a folder.

-Prepare the image files and save them in a folder.

-Prepare the video and audio files and save them in a folder. Later on.

Stage Four : Implementation

This is done using a programming language and HTML codes:

- Convert the design into webpage.
- Input the data and files.
- Create the hyperlinks.

Stage Five : Publish the website on the internet

Choose a title, select a web address, decide the storage capacity on a server and publish on the internet.

Exercises

Question One: Complete:

First, designing and creating a website goes through stages which are:

1. …………………………………………….
2. …………………………………………….
3. …………………………………………….
4. …………………………………………….
5. …………………………………………….

Second, in the stage of implementation, we

1. ....
2. ....
3. ....

In Stage three in designing and creating a website, we prepare audio files.

How can we create a sound file?

Create and Edit Audio Files

Objectives

General objectives

Create and process audio files through one of the related programs.

By the end of this lesson, students will be able to:

- **identify creating and audio processing program**
- **setup and prepare (data / software components and material) to create the audio**
- **Use Audacity program to create and process audio files.**
- **Edit (Add Effect / cut and paste / delete) in the audio clips.**
- **Identify appropriate extensions of audio files.**

Create and Edit Audio Files

There are many programs that are used on dealing with audio files. These programs help to process audio files in an easy and proper way. They are software programs that enable the user to create and process audio files. They contain tools that creating and processing audio files.

Creating an audio file

You can create an audio file containing audio clips and the words required as well as adding different effects on the audio and specifically on a track, and then save the audio in a file. To create an audio file, we need a sound processing software.

We are going to create an audio with the name "my school" with a comment audio to a project or be included in the video clip for the school.

Suggest an edit

Firstly: the setup and processing to create an audio file stage:

Cooperating with your classmates and with the help of the teacher, prepare for the required steps to create an audio file to a school, as follows:

1- Preparing for collecting data about school, as follows:

- ✓ School name: ... Educational department: ... governorate... :
- ✓ School trips and various activities provided by.................. :
- ✓ The competitions the school shared in…………………
- ✓ The ranks won in those competitions.......... :
- ✓ Recognitions obtained by the school...........
- ✓ The summer activities the school provides ……..
- ✓ School trips and various activities provided by the school……

-Type the data collected about the school in one of the text editing programs and edit them.

Save the text data in a text file.

2-Preparation and processing of software and hardware components:

Through the school computer lab and with the help of your teacher, students do the following:

- Make sure you install a program and create audio processing on computers laboratory.

-.Make sure your microphone is plugged to your computer.

- **Setup and preparing to create a audio file stage include:**

- All the data that will be audio recorded.
  - Make sure of the software components (install one of the programs of creating and audio processing on computers in the lab.)
  - Make sure of the software components (install one of the programs of creating and audio processing on computers in the lab.)

-Ensure the hardware components (connecting the microphone "Mic" to a computer.)

Secondly, the implementation stag

Cooperating with your classmates and with the help of the teacher, create an audio file from their school through one of the programs of creating and audio processing as follows:

-Load one of the programs of creating and audio processing.

-Audio recording through the program.

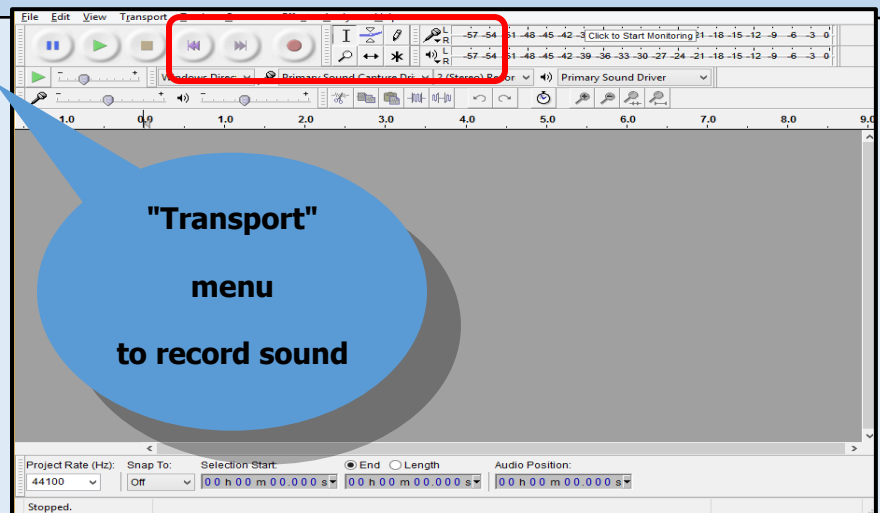
-Read the text data already prepared and inserted to the computer using a microphone as an input unit.

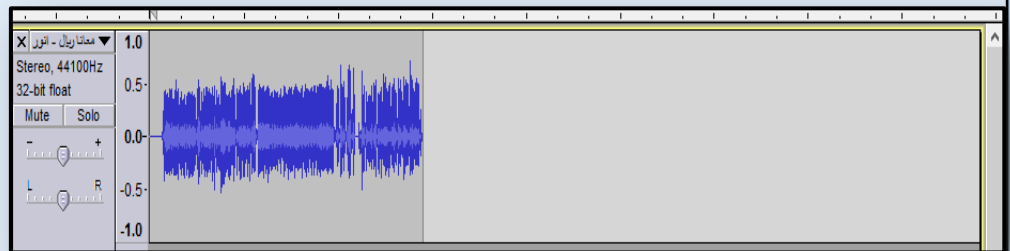
-Turn on the sound after the completion of recording and listen to it through headphones.

Steps to implement activity:

-Using the "Audacity" program to create and audio processing which is an open-source software, a program that can be run on different operating systems like (Windows –Linux)

You can download the program through the website:

http://audacity.sourceforge.net/

Audacity Interface (a program for creating and processing audio)

-To start voice recording through the program, click the Record button where the program becomes in the audio recording mode.

-Read the data collected for the school in the text file using the Mic "microphone" as a unit input.

The Program Timeline to make sound appear

-To complete entering audio data,click "Stop" button in the program.

-To listen to the sound that has been entering click "Play" button in the program, listening to the sound through the speakers.

The implementation Stage to create a sound file includes:

-Load a set up and sound processing software.
-Click " Record " button to record voice.
Insert text data by using the microphone.
To finish recording, click " stop"
To listen to the audio Through the speakers, click " play "
To listen to the audio Through the speakers, click " play "

Thirdly, modifying the sound (or audio clip):

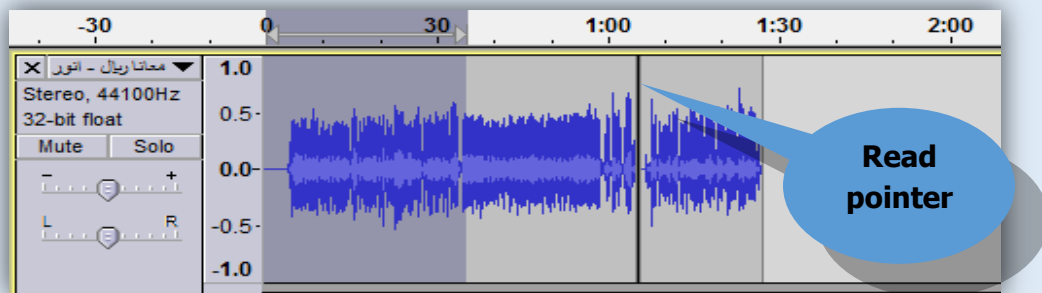
After listening to the audio that was recorded there may be a need to After listening to the audio that was recorded there may be a need to add an effect on the sound (or audio) clip, delete or cut part of the sound (audio clip) and paste it somewhere else in the audio clips. Delete or cut part of the sound (audio clip) and paste it somewhere else in the audio clips.

Adding an effect on audio clip:

Activity

Cooperating with your classmates and with the help of the teacher, add an effect on voice or sound clip as follows:

-Audio playback by clicking " Play button" and listen to

-Select the desired audio clip added to effect him by clicking and dragging on the desired sound indicator reading at the time the tape.

Program timeline the with the sound

-From "Effect menu, select one of the desired effects.

-Rerun the audio by clicking" play button" and listen to the audio clip after adding the effect.

Practice

To add other effects to the audio file or one of the audio clips.

-Cooperating with your classmates and with the help of the teacher, identify the audio clip and add one effect like "Repeat."

- Play the sound file and listen to it.

-deduce what this effect does.

- Notice that when we choose “Repeat “ effect, the selected clip is repeated.

Practice

To add other effects to one of the audio clips.

Cooperating with your classmates and with the help of the teacher, identify the audio clip and add one of the effects like "Reverse."

-Play back the audio and listen to it and try to conclude the purpose of this effect.

Notice: On choosing "Reverse" effect, the beginning of audio is reversed with the of the end section.

Practice

Cooperating with your classmates and with the help of the teacher:

- select the rest of the effects and add them to a sound clips.

- play back the audio and listen to it and try to conclude the purpose of each effect.

Add an effect on the audio clip:

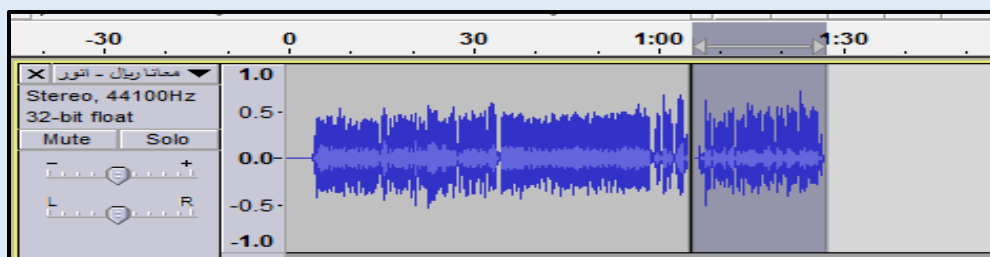
-Select the desired audio clip added to effect it by clicking and dragging on the desired sound indicator reading at the time the timeline.

From " effect" menu, select one of the desired changes

2-Cut and paste an audio clip

Cooperating with your classmates and with the help of the teacher:

- cut the portion of the audio and paste it in another place among the audio clips.

-Select the desired audio clip you want to cut, from the Edit menu select "Cut".

-Move the pointer on the timeline to the desired place to paste the audio clip, from the Edit menu select" Paste".

-Rerun the audio by clicking the play button and listen to it.

Cut and paste an audio clip

Select the audio clip you want to cut.

From ' Edit menu " select " Cut"

-Move the pointer on the timeline to the desired place to paste the audio clip, ."

From the Edit menu select" Paste"

3-Delete a section of the audio.

Activity

Cooperating with your classmates and with the help of the teacher, delete a part of the sound audio clip as follows:

Select the audio section you want to delete.

Press ” Delete" from Keyboard to delete the audio section you selected.

To delete an audio section:

Select the audio section you want to delete.

Press " Delete" from the keyboard.

Fourthly: Export an audio file with an appropriate extension.

Activity

Cooperating with your classmates and with the help of the teacher:

export an audio file with an appropriate extension:

To export an audio from " file menu", select "Export Audio" :

Select the appropriate extension of the audio file:

Save the audio file in " Pro 1" folder.

To export an audio file with An appropriate extension:

From the File menu, select "Export Audio"

Select the appropriate extension of the audio file.

Types of audio file extensions

There are different types of the extension of audio files such as WAV, MP3, ... They differ in the quality and purity of sound and storage space. According to need, we use the proper file extension.

Practice:

Cooperating with your classmates and with the help of the teacher do the following:

- Identify different audio file extensions when saving as an audio file.
- Save an audio file with WAV extension, and save the file again with MP3 extension.

  -Comparison of audio files with the extension WAV and MP3 in terms of:

- File size.
- Sound clarity , purity and quality........................
- Through the Internet search for the types of sound with different extensions files.

  -Collect the information on the types of different extensions of audio files in a text program coordinators.

- The teacher discusses search results with students.

Notes:

-The sound of a WAV file extension is characterized by the sound quality and clarity, it has a large storage capacity, so it is not appropriate for publication via websites.

-Audio MP3 file , the sound is of less purity, compared with the file with WAV extension, has less storage capacity, so it is appropriate for publication via websites.

Remember that

To create an audio file, you should do the following:

First : setup and processing:

- **All the data that it will be recorded.**
- **Hard and software components**
- **Make sure there is a program to create and edit sound file that works properly.**
- **The Mic and speakers are connected to the computer.**

Second : Implementation

- **Start a program that deals with sound files.**
- **Record the sound using the program.**
- **Use the Mic to input the sound**
- **Press "Stop " to finish inputting the sound.**
- **Hear the sound clip using the speakers by pressing "Play" button.**

Third : Edit the sound file

- **Add effect**
- **Cut and paste a file**
- **Delete a sound clip.**

Fourth : Export the sound file

- **Export the sound file with appropriate extension**

Exercise

The first question: Complete the following::

To create an audio file, do the following:

Firstly: ……………………………………………

Secondly: …………………………………….

Thirdly: ………………………………………..

Fourthly: ……………………………………

Second question: Perform the following steps to create and export the audio file:

- Choose a topic of study from school subjects
- Collect information on the academic subject.
- Load one of the programs of creating and edit an audio file
- Create a sound file
- Export the file with the appropriate extension

Prepare for the next lesson

In Stage three in designing and creating websites, there is preparing and creating video files.

How can we create a video file?

Creating and Editing

Video Files

Objectives

General Objective:

Creating and editing a video file using a video editing program

Behavioural Objectives: By the end of this lesson, a student will be able to:

- Identify some video editing program.
- Import video editing program files (sound/images).
- Create video captions using the program.
- Edit video segments.
- Save video file project.
- Add (effects, transition effects, text) to video segments.
- Export video to a file with suitable extension.

Creating and Processing Video File Programs

Creating and editing video programs are the ones that enable the user to create and edit video files. This is done through tools and effects that help the user create and edit video clips easily and fast.

TO edit a video of a group of images taken, or edit video clips recorded by a video cam or a webcam, we must use a program through which the video is cut into segments of still clips. Moving these shots in a fixed speed makes them feel animated. Then these shots become easy to edit its content and in this way the video content can be edited. There are many programs that can be used in creating and editing video files like: "Kdenlive" and "OpenShot", which are open source and free to use and easy to operate with Linux and Ms. Windows. There is also "Movie Maker" which runs in Windows. These programs and other ones can be downloaded online.

Download Video Program and Identify Its Interface

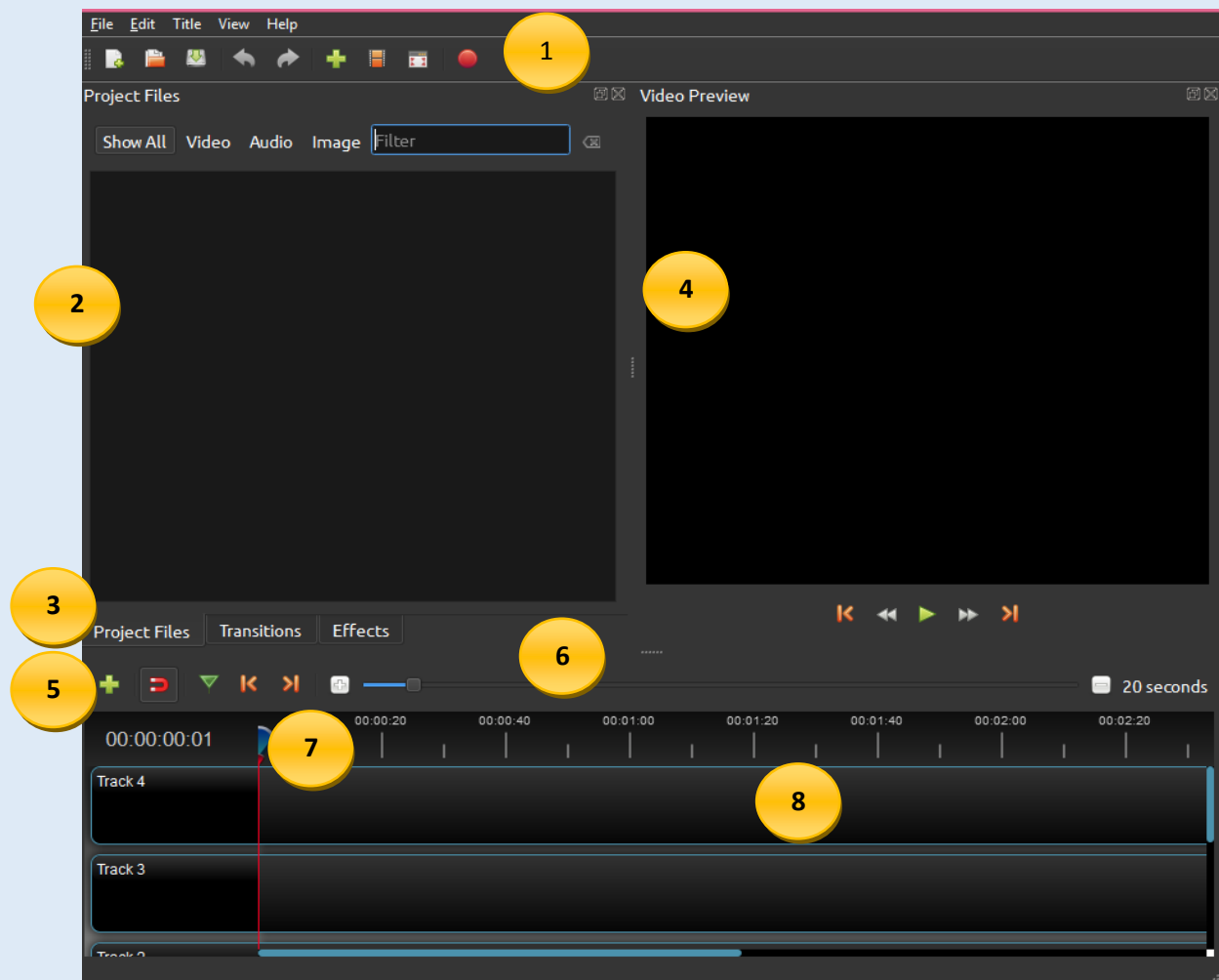
Activity

Cooperating with your classmates and with the help of the teacher, download one of creating and editing video programs and identify its interface.

Procedures of Activity:

-Download a video editing program ."OpenShot" will be used and you can get it on http://www.openshot.org

OpenShot

OpenShot Video Editor is used to create and edit videos. Videos can be created through images collected. OpenShot Video Editor enables the user to make a high quality video with images, backgrounds and inserting audio files easily. The interface is easy to use to add images and sound easily, with video effects, transitions and even texts to the segment. The program will be used to make a video about school activities.

The interface consists of

1- Main Toolbar.

2- Project Files.

3- Function Tab (Move –Images-Audio files)

4- Preview Window.

5- Edit Toolbar.

6- Zoom Slider.

7- Play head/Ruler.

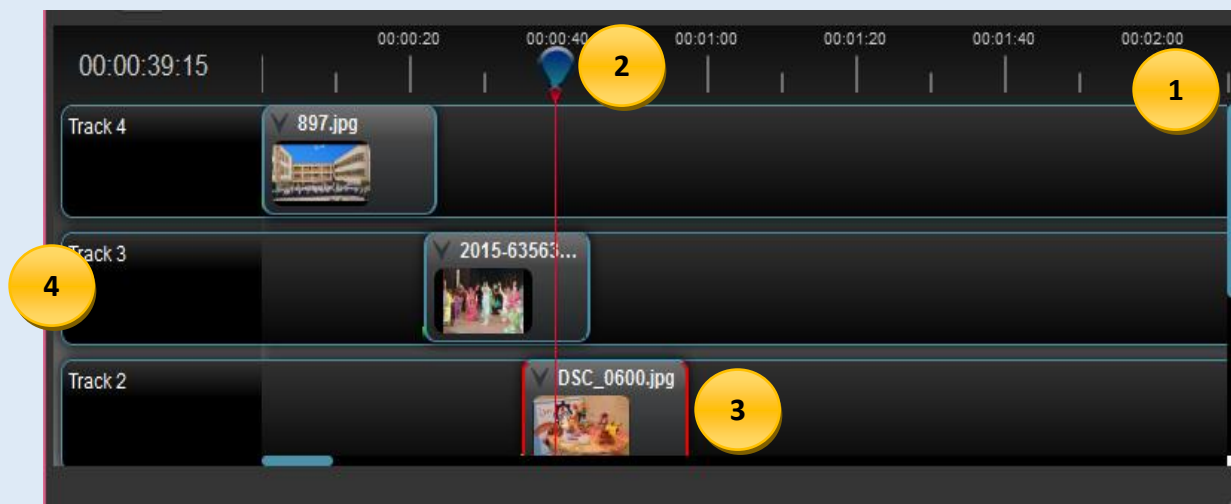
8- Timeline.

Exercise

Cooperating with your classmates and with the help of the teacher:

- Similarities and differences between the OpenShot Interface and other programs they used before.

-Use Help to find new information about the program.

Program Timeline:

1- Ruler (to show the time length on the timeline).

2-Play Head (reads the current clip on the timeline to show in Preview Window).

3- Current Clip (image, sound or video).

4-Tracks (They are similar to Layers where images, sounds or video caption clip is put on the track. Unlimited number of tracks can be used in the project. Notice that the higher track has the priority to read to show the video, then the lower and so on.)

Create Video Clips

Cooperating with your classmates and with the help of the teacher , create video clips about their school, including pictures of the school building, labs, playgrounds, activities, competitions and the most important trophies and prizes.

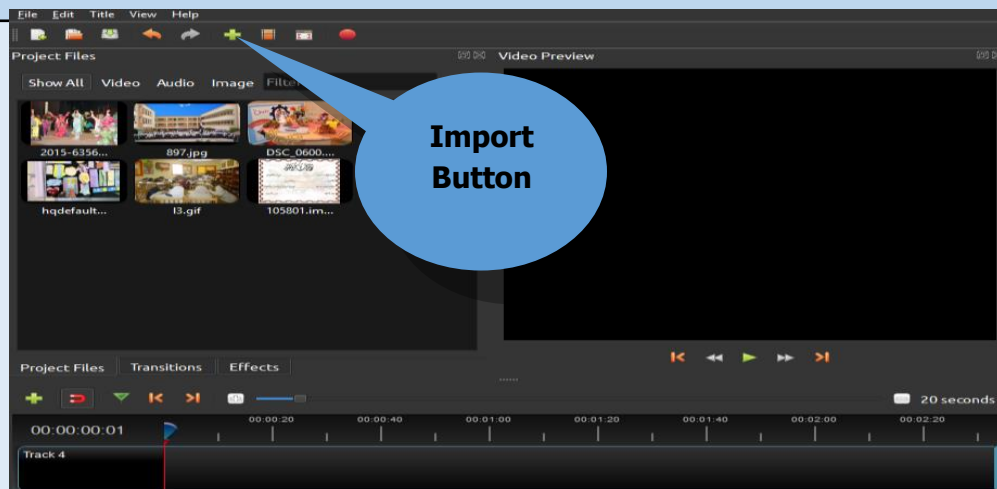
Steps of the activity

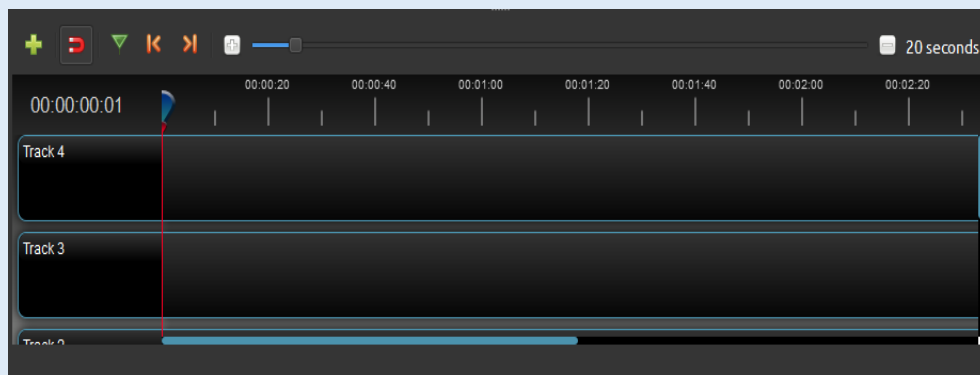
To create a video about the school easily , follow the following steps:

1- Import images to the program.
2- Put the images in order on the program timeline
3- Import a sound file to the program.
4- Preview the video.

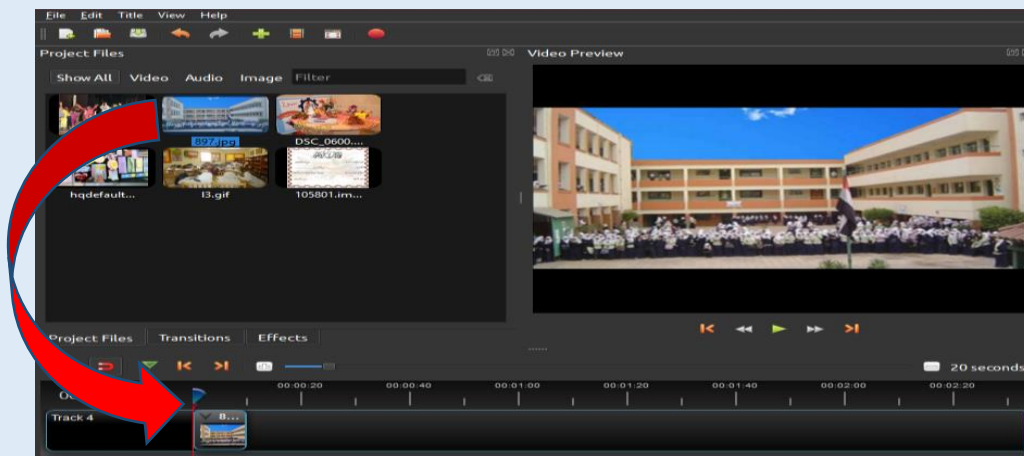
1-Import image files into the program:

- Click Import files icon + in the Main Toolbar to add the images.(You can import files from File, then Import Files).

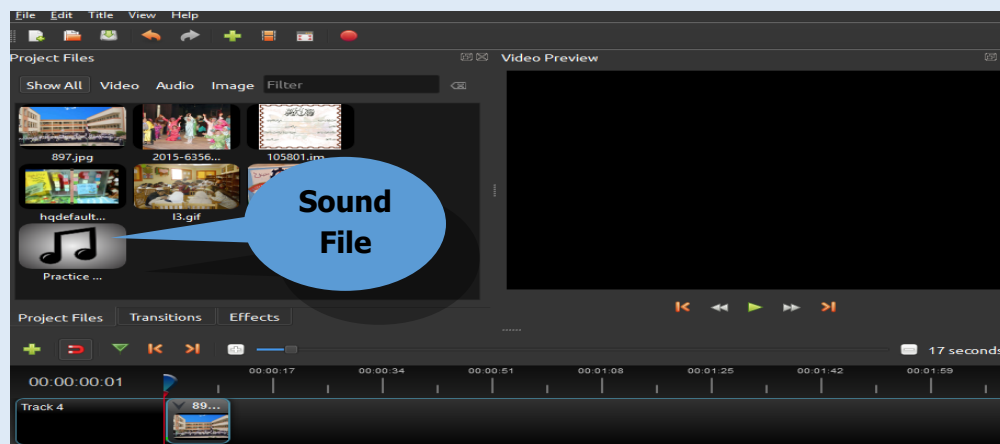
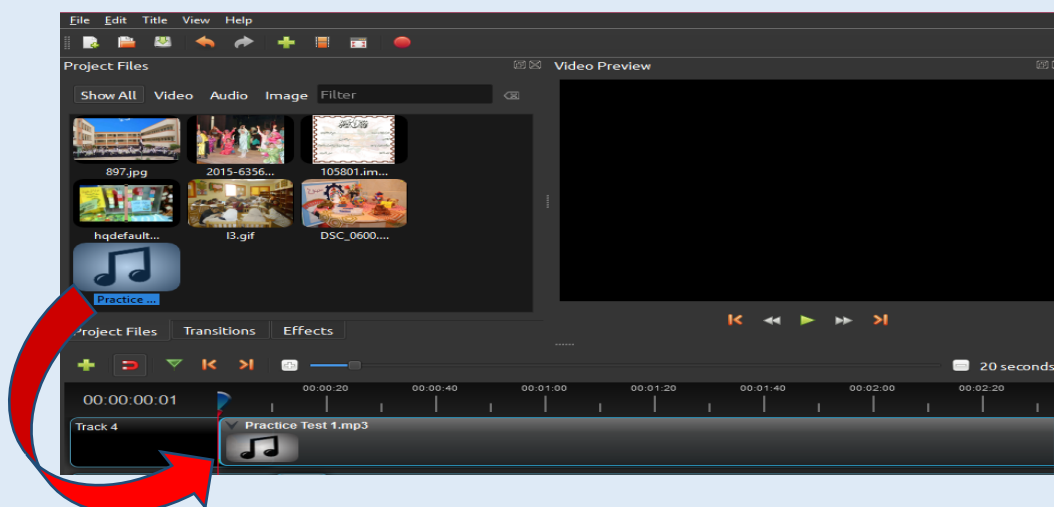
- Import images from the "مدرستي " folder, to show in the "Project Files tab in the program interface.

2-Put Images in order on the Timeline:

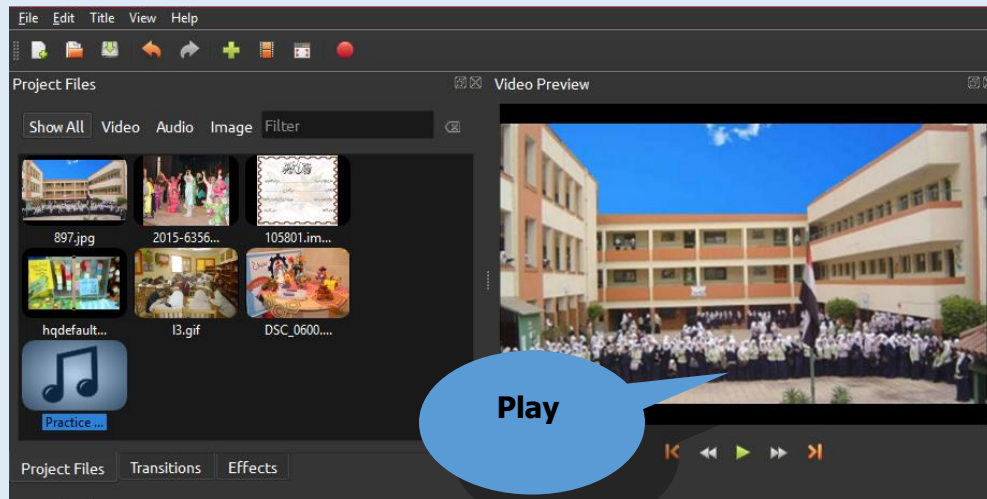
To create Video clips, the images are put in order on the video timeline.

"Timeline

- Drag and drop the images in the “Project Files” window.

-Put all the images in Track path and put them in the suitable order.

- When putting images in Track , they become a (Video Clip) and appear in the Video Preview.
- Put the images in order in Tracks on the Timeline.

3- Import Sound files into the program:

- To make the video clip more attractive and effective, we add music or sound comment.
- To add sound file, click Add File icon + on the Main Toolbar and add the sound file to appear in "Project Files" tab.

- Drag and drop the sound sign to insert in one track.

4-Preview the video

-To preview the video, click the Play icon ▶ in the Preview window.

To create a video clip do the following:

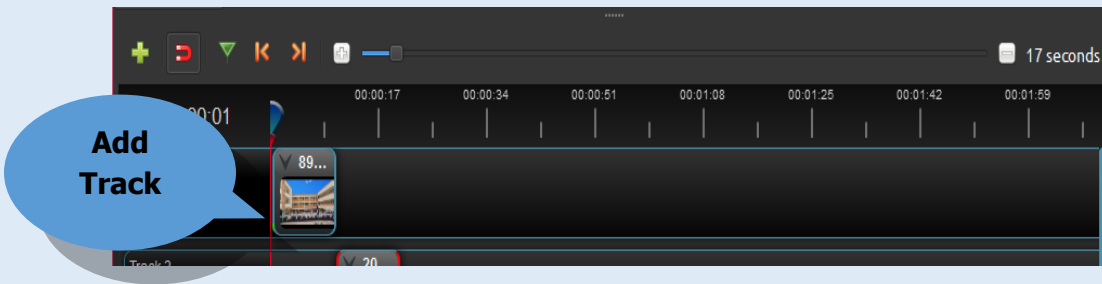
1- Import files (images/ sound) into the program.
2- Put images/sound on the program Timeline.
3- Preview the video.

Exercise

- Cooperating with your classmates and with the help of the teacher, import files (audio/ images) into the program.

Students, in their notebooks or writing tools, the steps to follow to import files into the program.

Notes

- To add a new Track, click the + Add Track icon on the Edit Toolbar.

-To change the order of the video clips (images/ sound) on the track, drag and drop and reorder them.

-To set playing the sound file, drag and drop the sound on the track on the Timeline and put in its place.

Save Project:

To create video clips, we use images, sound files and text files; these all must be saved in one folder. All the previous files were saved in the folder " Pro 1" to be able to go and edit ,delete or add later. How can we save a video project?

Cooperating with your classmates and with the help of the teacher ,save the video project:

Steps to follow

To save the video project, do the following:
-Save all the files (images, sound, text, etc) in one folder.
-On the Main Toolbar, select "File", then "Save Project As"
-Name the Project " sch";all names must be in English.
-Define where to save in the folder "Pro1"
-End the program.
-To continue the project, start the program, then open the "Pro1" folder, then open "sch" project.
-Edit the video clip.

Important Notes for the teacher to save the project:

The teacher should do the following:

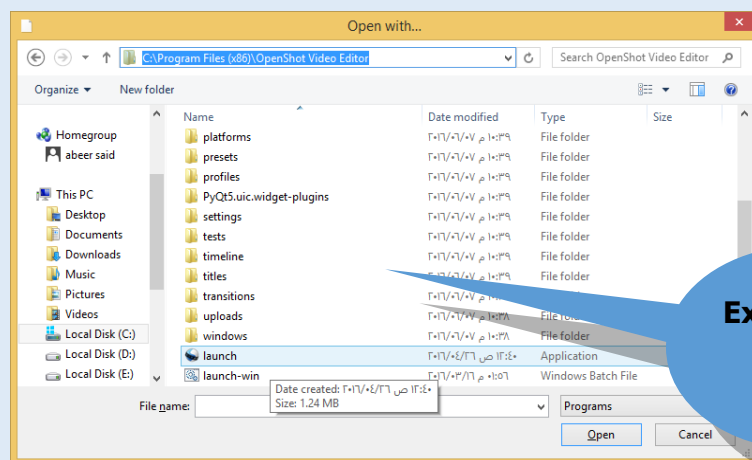
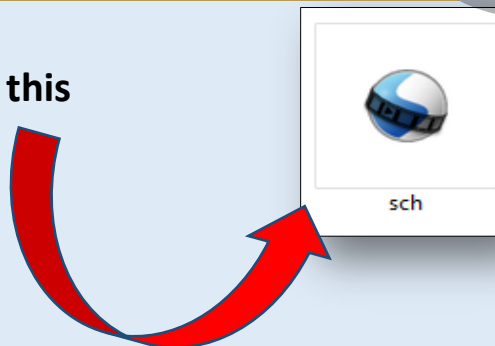
During work in OpenShot in Ms Windows, and saving the project, notice that the "sch" file is unknown so it appears

-To make the file work in the OpenShot program, do "Association" as follows:

-right click on the "sch" file .Select Properties, change then more options.

-Select : Look for another app on this PC.

- The system will find the OpenShot application folder.

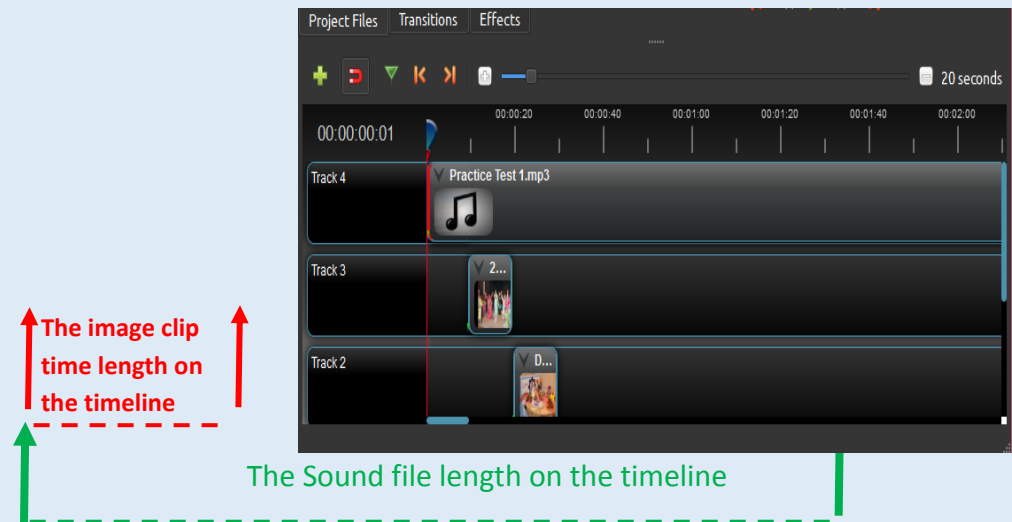
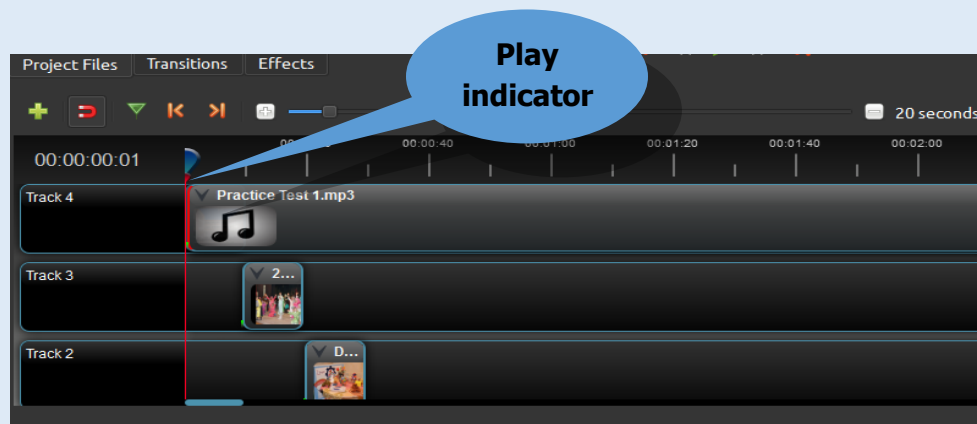
-Select association to the executable file of the program.

The "sch" file will appear like this

To save a video project, do the following:

- Save all the used files,(images, sound, text…) in a specific folder.
- From the Main Toolbar, select File, Save Project As
- Name the project in English.

Edit Video Clips

After Previewing the Video, the clip may need some editing like Reorder the scenes, delete, increase the time, decrease the time or adjust the time to match the sound file length

1-Control the play time of the Video Clip

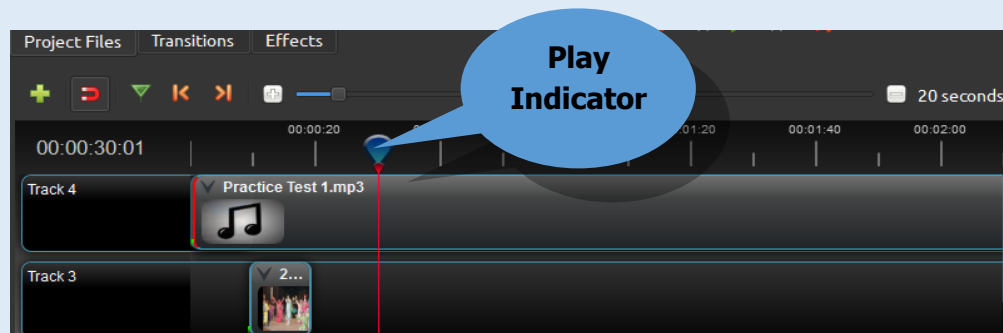
After previewing the video clip, the sound file time may be longer than the image show time. This appears in the Timeline which ends the images and the sound continues. This can be seen also in the clips on the timeline

-We can control the sound clip to end at the same time with the last image clip on the timeline

"Timeline"

Control the time length for images and sound on the timeline

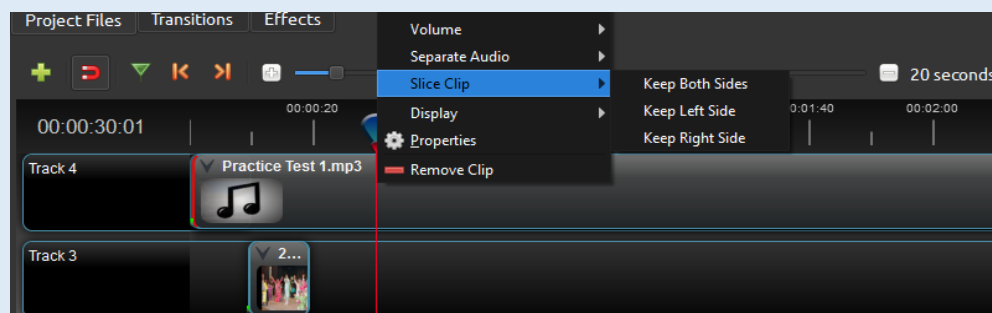
Activity

Cooperating with your classmates and with the help of the teacher, control the audio clip by limiting the time on the Timeline.

Steps of the Activity:

-Move the play indicator, drag and drop the arrow (or use the arrows on the keyboard) until it reaches the end of the last image on the timeline.

-Put the mouse cursor on the Track, right click the mouse.

-Select the Slice clip, then Keep left slide.

-Students take notes of what happens in this selection.

- When moving the play indicator on the timeline, then select one track and select "Slice Clip", the video clip splits at the indicator place and becomes two slides : right slide and left slide.

Exercise

-With the help of the teacher, the students make out the difference in the following:

When selecting Slice Clip, the following appears:

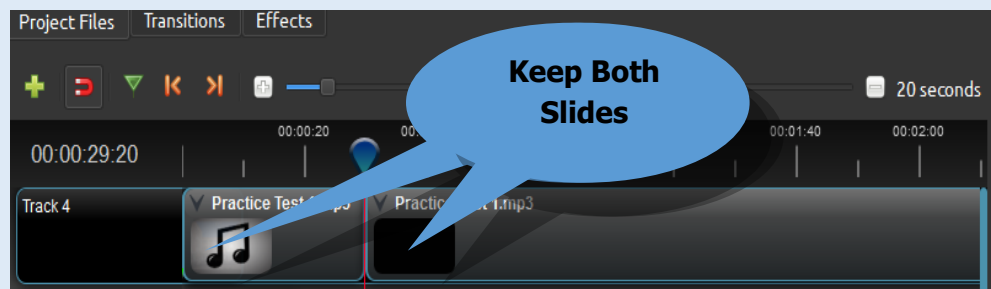
-Keep Both slides

-Keep left slide

-Keep Right slide

The students make out the difference in the three choices.

Notices:

-Selecting Keep Both Slides, the clip splits into two slides and keep them both

-When selecting Keep left Slide, the clip splits into two slides and keep the left slide only.

-When selecting Keep right Slide, the clip splits into two slides and keep the right slide only.

To control the time length of the video clip:

-Define the time length of the clip on the timeline.

-Drag and drop the head of the play indicator and move it till it goes to the right place on the timeline.

-Right click the clip Track, a drop box appears:

- Select Slice Clip to split the clip into two slides.

-Keep Both Slides, the right and left slides are kept.

-Keep the left slide.

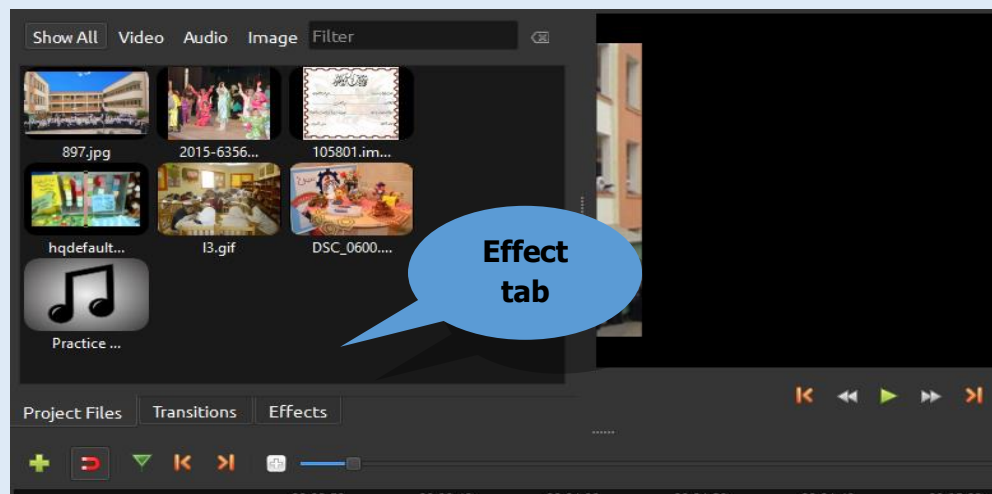
-Keep the right slide.

Add Effects to a Video Clip

Add "Effects" to the video clip and control the time of this effect to show the clip in a certain way.

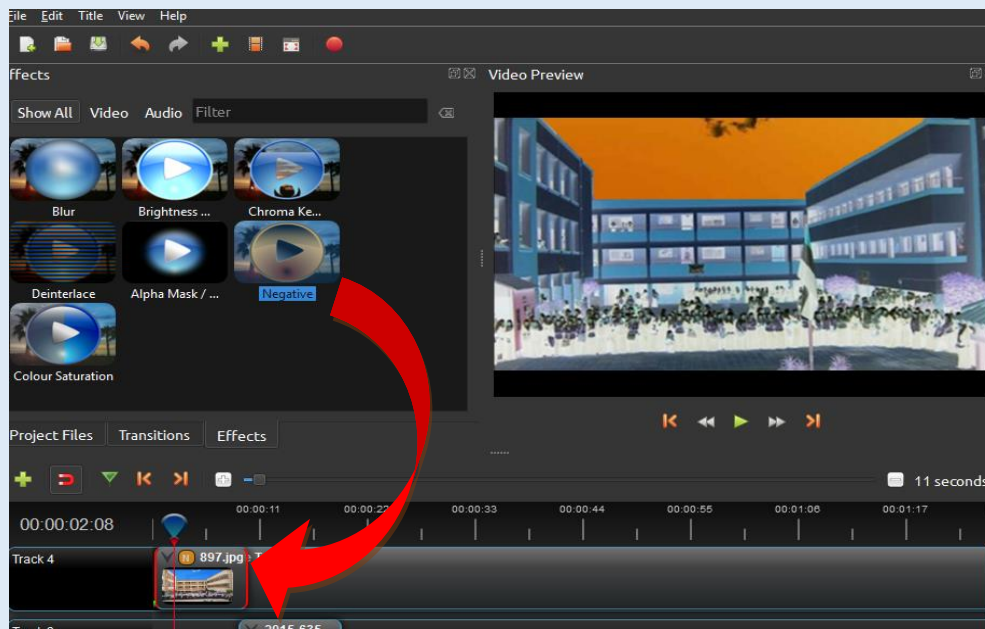
Cooperating with your classmates and with the help of the teacher, add Effects to a video clip.

Steps to follow:

Click "Effects" tab.

Some effects appear.

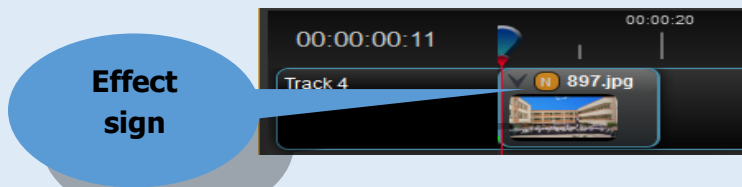
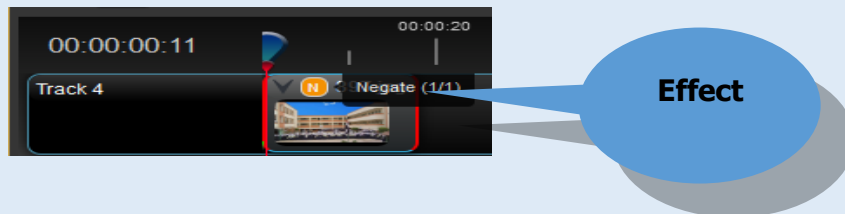
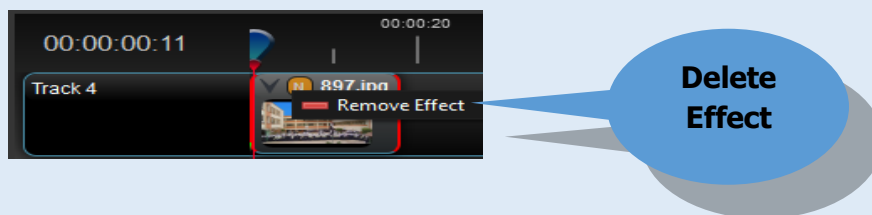
Choose an effect.

Drag and drop the effect to add it to the clip.

•

- Preview the video

- Students take notes to see what happens on the video clip.

Notes:

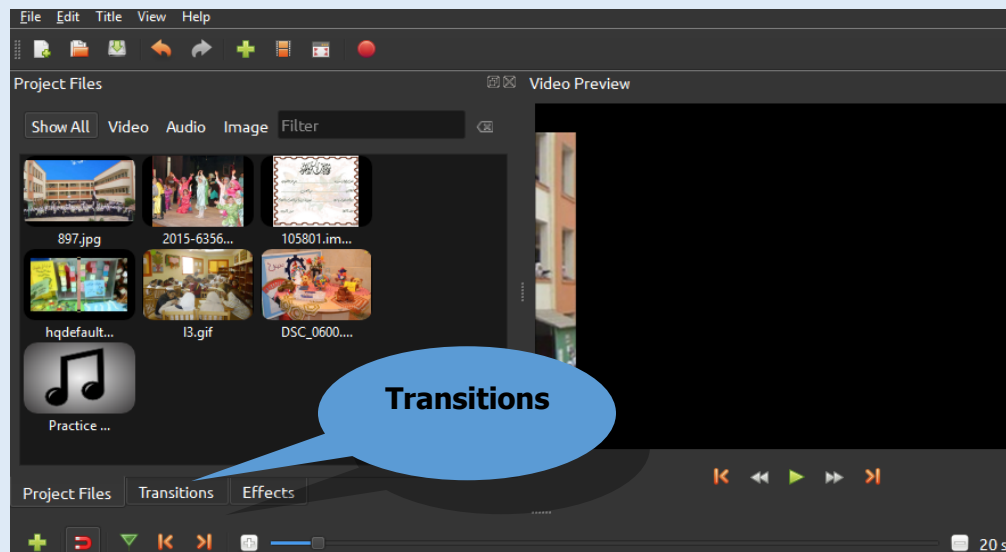
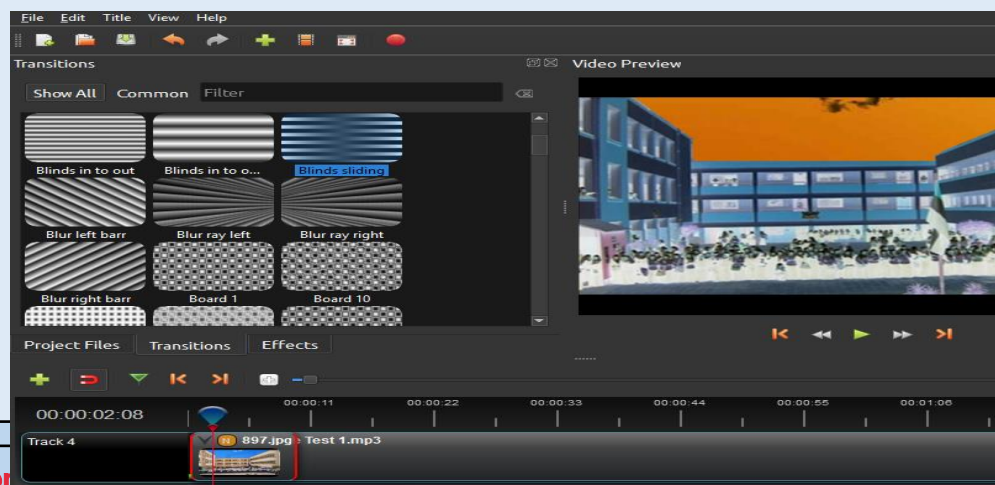
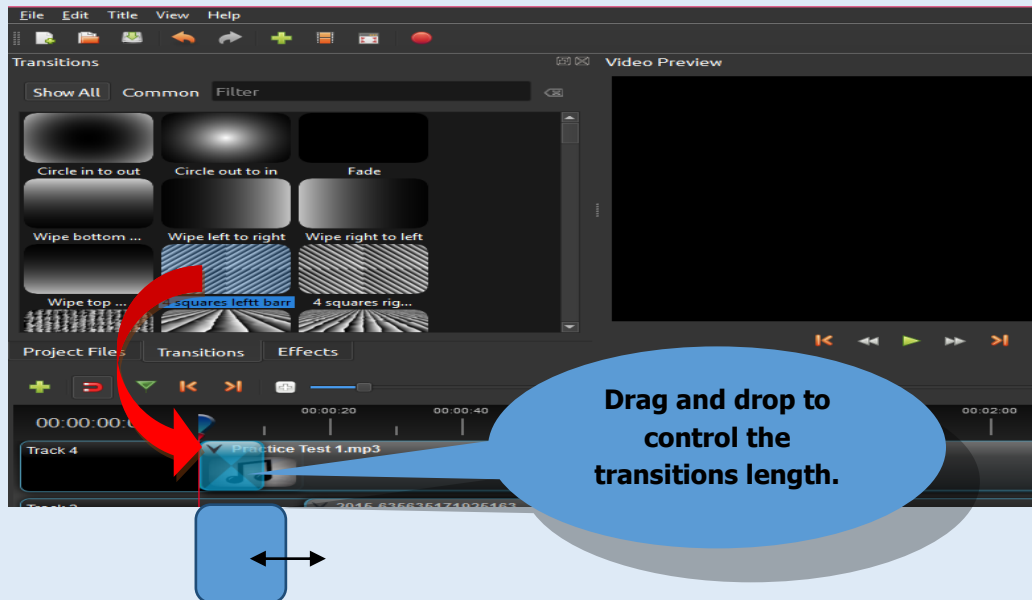
The Effect sign appears

.To read the effect name put the cursor on the Effect sign

- To delete the Effect, right click the effect signand select "Remove Effect"

Add Effect to a video Clip:

- Click the Effects tab.
- Drag and Drop an effect to add it to the clip.
- The effect sign appears on the clip.
- To read the effect name put the cursor on the effect sign.
- To delete the effect, right click the effect sign and select "Remove Effect"

Second: Add Transitions to a Video Clip

Cooperating with your classmates and with the help of the teacher, add Transitions to the video clip.

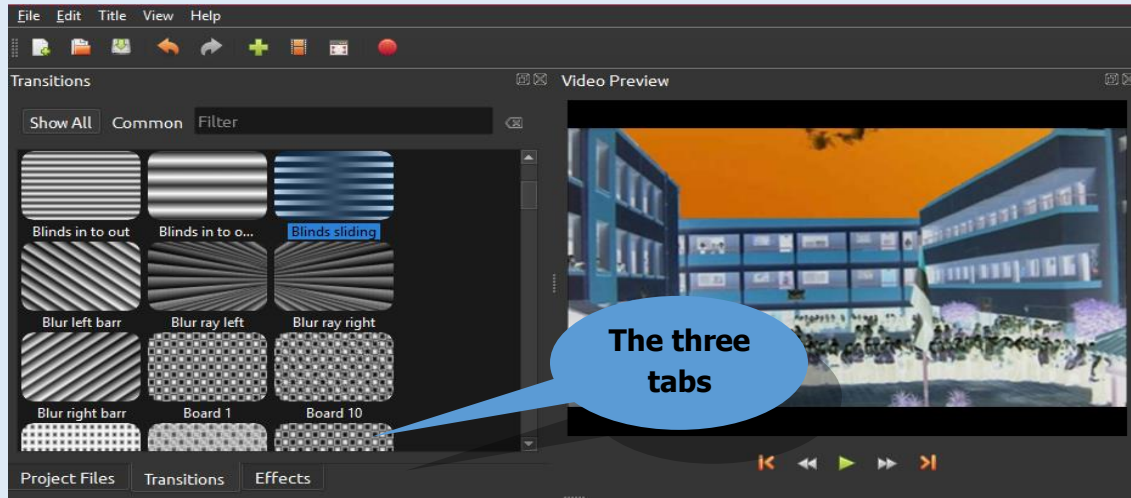
Steps to follow:

- Click the “Transitions” tab.

- Some transitions appear.

-The transition is put at the beginning or the end of the video clip.

Control the Transition length by drag and drop it to increase or decrease the show time.

-Preview the video.

Exercise

With the help of the teacher, the students use Files", " Effects" and " Transition " and know the difference .

To add Transitions to a video clip:

- **Click the Transitions tab**
- **Drag and drop one transition and add it to the clip.**
- **Add a transition at the beginning and at the end of the clip.**
- **Clip the transition time length by drag and drop it to increase or decrease it.**

Third : Add Text to a Video clip

Activity

Cooperating with your classmates and with the help of the teacher, add text to a video clip.

Steps to follow:

-Select the text to add to the video.

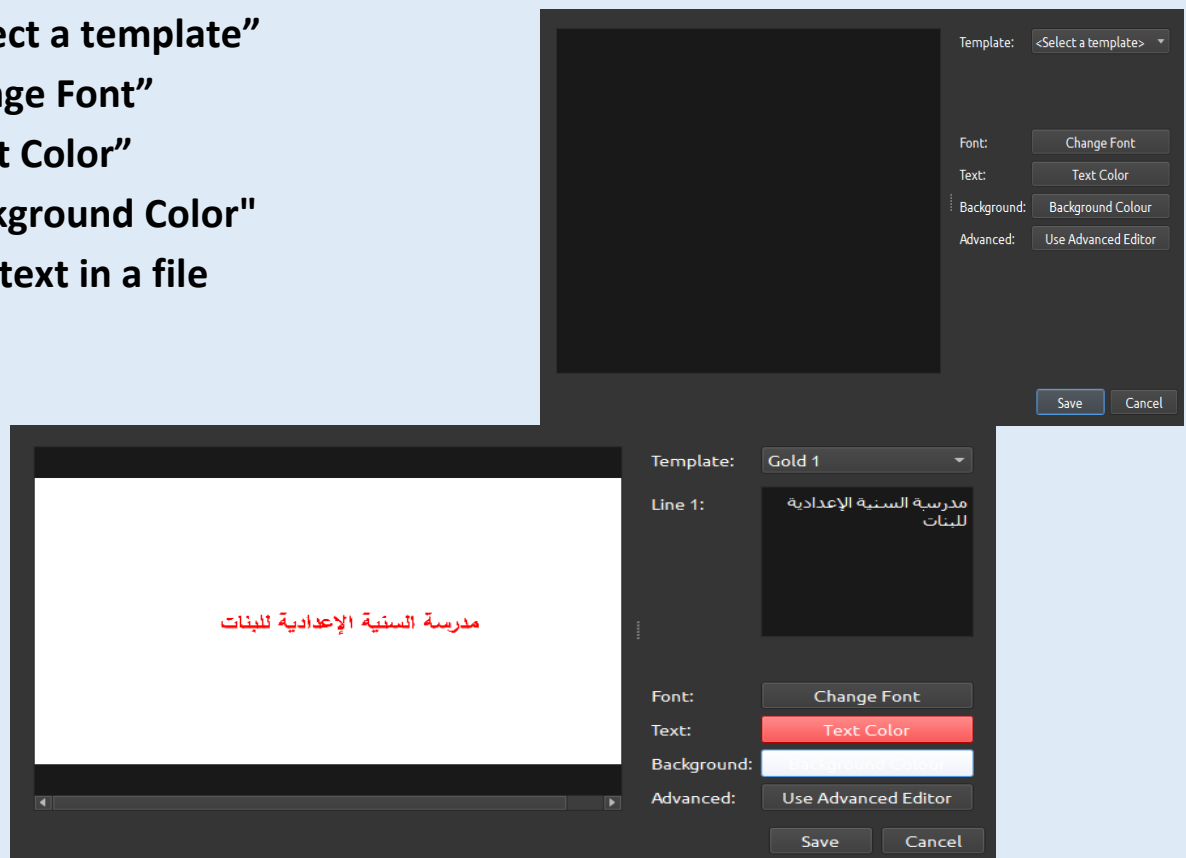
- Select the places to add the text to (at the beginning, in the middle or at the end of the video)
- From the menu Title, select Title, the dialog box:

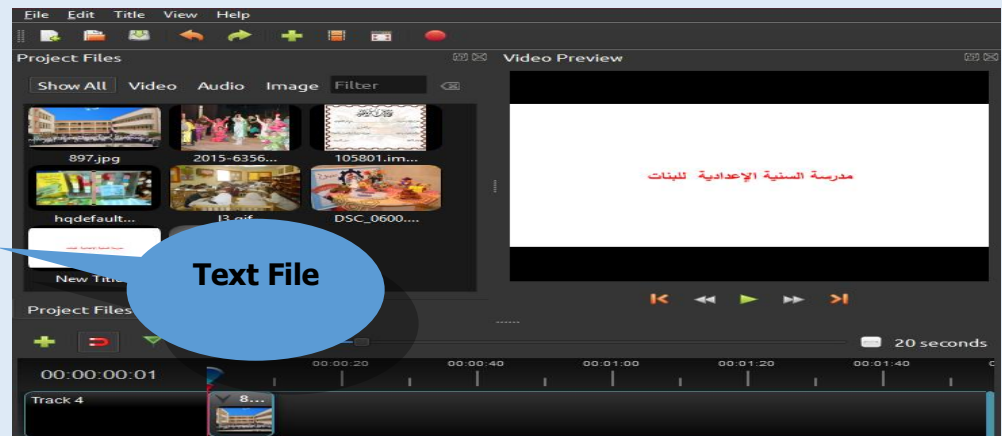
1- “Select a template”

2-“Change Font”

3-“"Text Color”

4- “Background Color"

5- Save text in a file

- The teacher discusses with the students the steps to fill in the dialogue box to add text.
- Press Save to save the text in the project folder “Pro1”.

- Name the file in English.
- The text file appears in the "Project Files".

-To add text to video clips, drag and drop the text file in the Project Files and add it to a track.

To add text to a video clip:

-From Title menu, select Title.
- Fill in the dialog box.
- Save text in a file "Save".
-Name the text file in English.
- The text file is found in "Project Files".
- Add text file to the video clips by drag and drop the text file and add it to a track.

Notes:

-The text can be added at the beginning, in the middle or at the end of the video clip.

- Add a Track or more to add the text and other clips (images or sound)
- Reorder the video clip (audio , images or text) on the Track

"Reorder the video clips"

Exercise

- With the help of the teacher, the students add another text file to the video as follows:
- Follow the steps mentioned above to create another text file with information about their school, like the Governorate, the Directorate and so on
- Save the text file in the project folder "Pro1".
-Add text to the video clip as done before.
- Reorder the video Clips.

Export a Video Clip to file

After finishing the project, putting all the needed scenes and editing through adding suitable Effects and Transitions, the project can be exported to a video file with a suitable extension. The program makes it easy to export in different extensions.

Cooperating with your classmates and with the help of the teacher, export the video to a file.

Steps to follow

-Press Export Video in the Main Toolbar, or File, then Export video.

A dialogue box of Export Video appears.

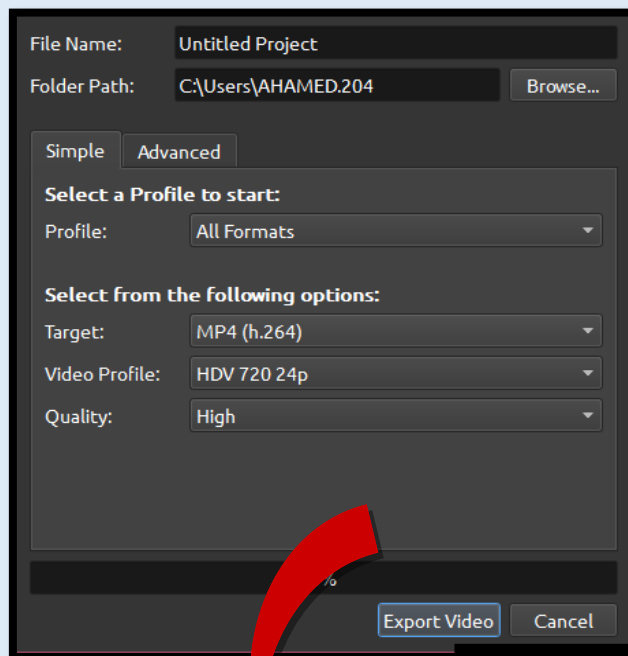
-Name the file to save “File Name”.

-Select the path to save in.

- Select the extension to the “Target “video file.

-Decide the file quality level (High quality – Medium quality – Low quality)

-Press “Export Video “

- Play the video file and preview it.

"Export Video Dialog Box""

“Play the Video “

To export a video to a file with suitable extension:

- Press "Export Video".
- In the Dialog box of "Export Video", select the following:
    - "File Name".
    - Folder Path.
    - Extension of the Target video File.
    - Decide the Quality level.
    - Export the video by pressing "Export Video",

Types of Video Files with different Extensions

- There are different types of Video files with different extensions. They are different in size, quality and clarity. The extension of the video is decided according to the usage.

Exercise

- Cooperating with your classmates and with the help of the teacher, serach the internet for:

-Different video types and usage.

- The difference between different extensions, MP4, AVI,…, according to size, quality and clarity.

Remember

To Create a video file do the following:

- **Import images and sound files into the program.**
- **Reorder the video clip on the Timeline of the program.**

Save Project:

- **Create a Project Folder and name it in English, on one of the drives.**
- **Put all the files, sound, images, etc., in the project folder.**
- **Save the Project file and name it in English from the Main Tolbar , File, Save Project As**
- **Save the project file in the Project Folder.**

Edit the Video Clips by

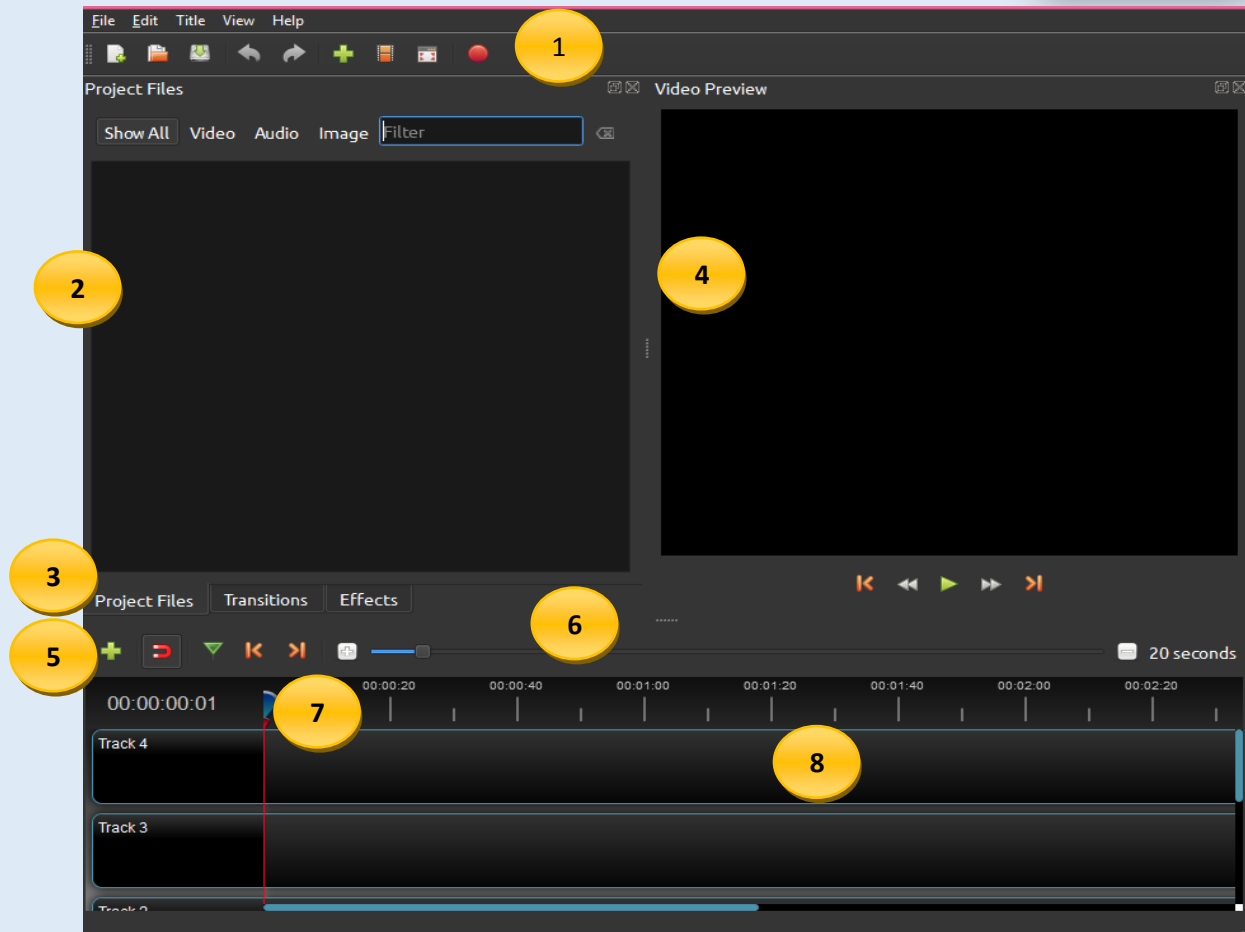
- **Control the length of the video clip time.**
- **Add Effects to the video clip.**
- **Add Transitions to the clip.**
- **Add text to the clip by :**
- **From Title, select Title and fill in the Dialog Box**
- **Save the text in a file (Name the text file in English)**
- **The text file appears in the “Project Files”; then add the text file to the Video clip by drag and drop the text file and add it to a Track.**

Export the video to a file with a suitable extension:

-There are different types of video files with different extensions like AVI, MP4 and so on.

Exercises

Question 1 : Complete the following

The Program Interface consists of the following

1-……………………………………………….

2-……………………………………………….

3-……………………………………………….

4-……………………………………………….

5-……………………………………………….

6-……………………………………………….

7-……………………………………………….

8-……………………………………………….

Question 2 : Complete :

To create video clips, follow the following steps

1-……………………………………………..

2-……………………………………………..

3-……………………………………………..

4- ……………………………………………..

Question 3:-Put the following steps in the correct order:

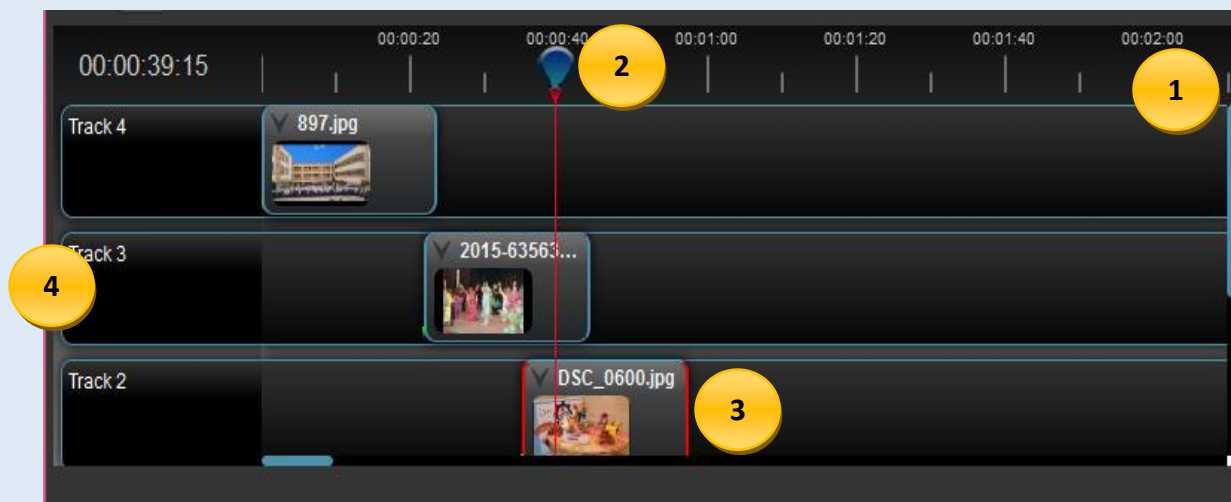
To Save a project, you should do the following:

(……….) Save the project file in the project Folder.

(……….) Save the project file and name it in English from the Main Toolbar, File, Save As.

(……….) Create a project folder on one of the drives and name it in English (……….) Put all the files (images, audio, etc..) in the project folder.

Question 4: Complete :

The program timeline consists of:

1-………………………………………….

2-………………………………………….

3-…………………………………………..

4-……………………………………………

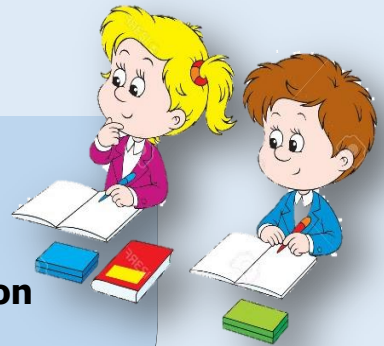
The answer is done through

Ms Word program " Answer Lesson Three" file in " Projects and Answer template) Folder

-

Prepare This for the Next Lesson:

Stage 4 to design and create a website is the Execution stage when the Web pages are created.

How can you create website pages by HTML?

Unit Two

Create Web Pages by

Using HTML

Objectives

General Objective:

To create a website using HTML

Behavioural Objectives: By the end of this lesson, students will be able to:

- **identify the following basic rules to create a web page By HTML.**
- **identify the structure to create a web page by HTML.**
- **add content to the web page (text, image, video , hyperlink,..etc)**
- **format the content of the web page.**
- **insert a hyperlink in the web page / linking the site pages.**

HTML

(Hyper Text Markup Language)

In the Previous lessons, we know the main stages to create a website. One of the main stages to create a website is the execution stage, when the paper design becomes a web page in which all data, texts, images, videos, sound files are input. This happens according to the design stage for each web page and creating hyperlinks between the pages using a programming language.

- In this lesson, we will know in details how to use HTML to create a web page.Then, we will see in detail how to create “مدرستي” web site.

Website pages."مدرستي " Diagram of

HTML:

-It is a coding language used to create internet pages which are used through an internet browser.

HTML codes:

To create a web page, HTML codes are used, these codes are called Tags. An internet browser executes these tags on the browser page.

To create a web page using HTML tags, do as follows:

- Create a text file using a text editor to write and edit the HTML tags.
- Write the HTML tags between these signs “<” “ >”.
- Write most of the tags with a start " < >" and an end " </>".
- Save the text file with the HTML tags with.htm or .html extension
- Open the saved file using a web browser and notice the result.
- Write HTML tags in capital or small letters.

The Structure of creating a web page using HTML

Activity (1)

Cooperating with your classmates and with the help of the teacher, identify the structure of creating a web page using HTML tags.

Steps to follow:

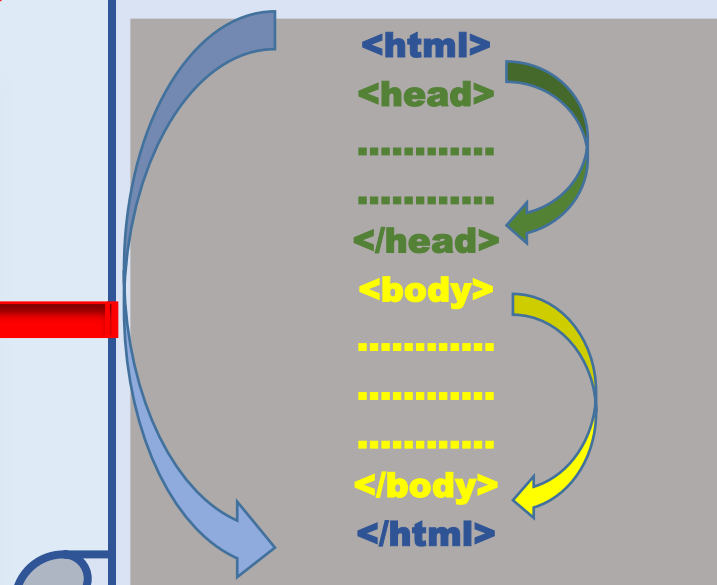
-Upload a text editor program

- Write the tag <html> at the beginning of the code to refer that the document is written in HTML.

-The HTML tag is divided into two parts:

1- **head:** the part where the page information is written for the browser like page title.

2- **body:** the part where the content is written.

So the structure of the tag file is as follows

In the structure to create a web

Page using HTML tags, take care of the following:

– Type <html> at the beginning of the tags to refer that the document is written in .html

-The HTML tag is divided into two parts:

1- **head:** the part where the page information is typed for the browser.

2- **body:** the part where the content is written.

Add a web page title using </title>…….<title> tag

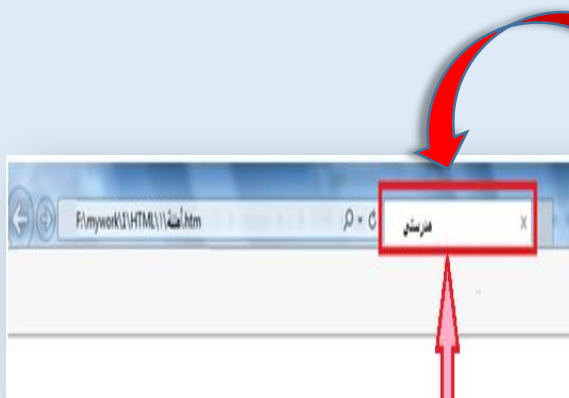
Activity (2)

Exercise:

Cooperating with your classmates and with the help of the teacher, the students search the internet to find a Web page title and content.

The web page consists of a TITLE and CONTENT, the title appears in the address bar at the top of the page.

To add the text "مدرستي" as a title to the web page, students with the help of the teacher do the following:

- Start a text editor program.
- Type the structure to create the page using HTML tags.
- Type the tag <title> مدرستي </title> in the field <head >...</head

Open the file school.htm (web page) using a web browser.

Write the tag in a text editor program.

Save the file with the name school.htm

- Open the file school.htm (the web page) using a web browser to see the result of executing the typed tags.

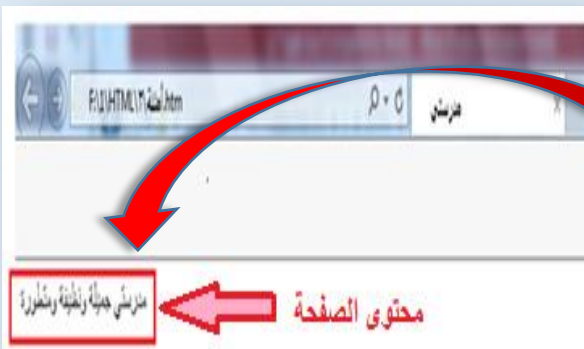
Adding a content to a web page (text-image-video- hyperlink…)

The web page can include text, image, video and hyperlinks

First: Adding a text to the web page:

To add a text " مدرستى جميلة ونظيفة ومتطورة" to the content of the web page.

Cooperating with your classmates and with the help of the teacher, do the following:

- In the previous text file, we type the phrase " مدرستى جميلة ونظيفة ومتطورة "inside the <body>…</body> tag.
- Save the text file with the same title "school.htm"
- Open the file "school.htm"using the internet explorer to see the outcome of the tags you have typed.

Opening the web page by the internet explorer

Typing the code in the text editor

Using the previous practice and with the help of the teacher, students do the following:

- Type the HTML tags for the previous practice using capital letters.
- Leave spaces between the words of the text.
- Use the enter key to leave lines between the words of the text.
- Save the text file with .htm extension.
- Display the file using the internet explorer.

Important Notes:

- You can write the HTML tags with Capital letters or Small letters.
- The internet explorer isn't affected by the left spaces in the file or by moving to a new line by pressing the enter key.

Changing the direction of the web page using "dir" property

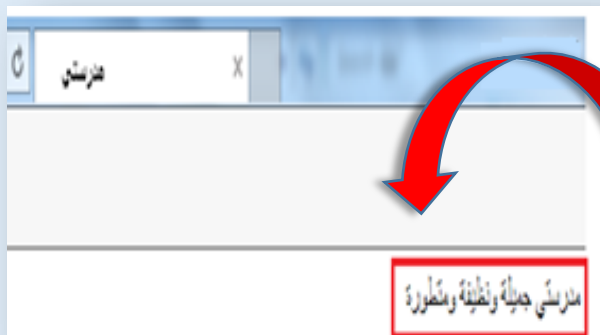
When designing a web page with Arabic view, we have to change the direction of the page to make the content from right to left to suit the Arabic language and to execute this, we use the property "dir", where we specify the direction of the web page according to the value of the property dir as in the following table.

Value	Effect
Rtl	From right to left
Ltr	From left to right

Activity (4)

Cooperating with your classmates and with the help of the teacher, use the previous practice to change the direction of the content of the web page from right to left as follows:

-Editing the code by adding the dir to the <body> tag.

- Assign the value rtl to dir property to change the direction <body> to be <body dir="rtl">
- Save the text file.
- Open the web page file by the internet explore to appear as follows:

The web page by the Explorer

The direction of the content from right to left

Typing the text in the text Editor

Practice

Cooperating with your classmates and with the help of the teacher , make a comparison between the effect of the value "rtl" and the value "ltr" to dir property on the direction of the web page content.

The direction of the content from left to right

The direction of the content from right to left

(A comparison that shows the effect of the values of dir property)

Web page formatting

There are many formats which can be applied to the content of the web page to look more attractive. Some of them are applied on the text of the web page and some of them are applied on the background of the web page:

- formatting the text includes many processes, from them
    - Type the beginning from a new line
    - Text alignment
    - Putting spaces between words
    - Formatting the font (face, volume, cooler, style)
- Formatting the web pages includes:
    - Changing the cooler of the web page background.
    - Putting an image as a background web page.

Firstly : formatting the text in the web page:

1-Writing at the beginning of a new line by <br> tag.

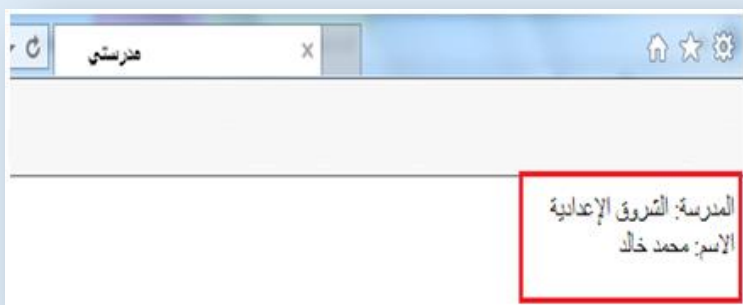
To display the text in the web page in two lines, we use the <br> tag where we use this tag to start writing in a new line, we use the <br> tag.

Cooperating with your classmates and with the help of the teacher, do the following:

- Open the previous text file.
- Add the tag <br> and add the text "Name: Mohamed Khaled"
- Save the text file with the .htm extension.
- Open the file in the internet explorer.

Noticing the text content appears on two lines

```
<html>
<head>
<title> مدرستي </title>
</head>
<body dir="rtl">
المدرسة: الشروق الإعدادية
<br>
الاسم : محمد خالد
</body>
</html>
```

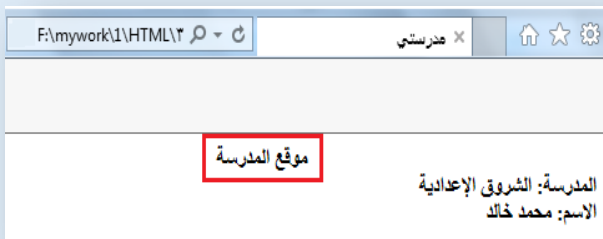
Writing the code in the text editor

The web page by the internet explorer after executing the code

Formatting the text in the web page

2- Centering the text by <center>... </center> tag.

To put a text in the middle of the line, we use <center> tag .

Cooperating with your classmates and with the help of the teacher:

- Open the previous text file.
- Add the <center> school location </center> .
- Save the text file with the htmextension.
- Open the file in the internet explorer.
- Noticing that the phrase "School location"appears in the middle of the line.

```
<html>
<head>
<title> مدرستي </title>
</head>
<body dir="rtl">
<center> موقع المدرسة </center>
مدرستي جميلة ونظيفة ومتطورة
<br>
 الاسم : محمد خالد
</body>
</html>
```

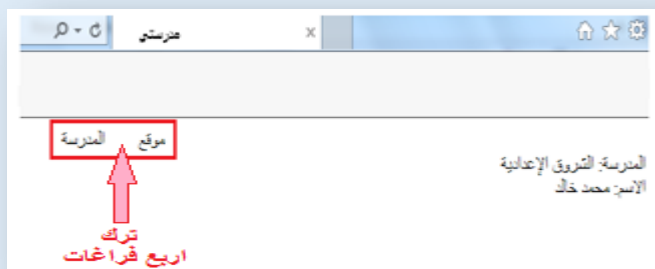
Typing the code in the text editor

The web page after executing the code

Formatting the text in the web page

3- Add blank space between words by

When leaving any number of spaces between words in the file, the explorer will deal with it when viewing the page as one space. To control the number of spaces between words, we use the symbol . We repeat it according to the number of the needed spaces between words.

Cooperating with your classmates and with the help of the teacher:
- Open the previous text file.
- Writing the code site   ,   the school
- Save the text file with the .htm extension.
- Open the file in the internet explorer. Noticing the phrase "School Website" and putting four spaces between the two words as in the following diagram:

```
<html>
<head>
<title> مدرستي </title>
</head>
<body dir="rtl">
<center>
موقع         المدرسة
</center>
مدرستي جميلة ونظيفة ومتطورة
<br>
الاسم: محمد خالد
</body>
</html>
```

Writing the code in the text editor

The web page after executing the code

Formatting the font in the web page (face, size, color)

4-a Format the font in the web by ...

To control the face, the size and the color of the font, the font is formatted by the tag and this is an tag that has a group of properties.

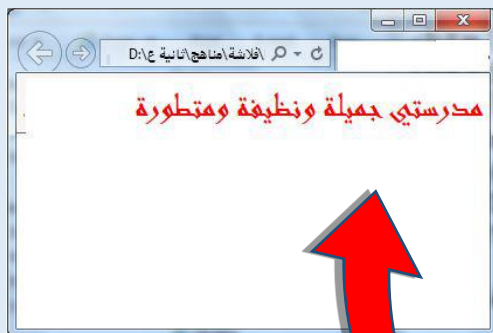
property	function
face	Choose the font
color	Choose the font color
size	Choose the font size

Notes:

To change the font size, we have to notice that the browser identifies seven different font sizes that we choose by the property "size" the value is from 1 to 7.

To create a web page with align right and contains the text " مدرستى جميلة ونظيفة ومتطورة" with Andalus face, red color and size 6.

With the help of the teacher, students do the following:

- Write the code.
- Save the text file with the .htm extension.
- Open the file in the internet explorer.

Notes:

- After using the close , this finishes the effect of the tag on any text, written later and after that the text displays with the default shape.

- In case, we don't use the <font> tag ,the color face displays on the web page with the default face.

Formatting the font in the web page (underlined/ bold/ italic)

4-b formatting the font in the web page

There are several Tags through which the font can be formatted.
Some of them are shown in the following table:

tag	function
<u>	Underline
<b>	Bold
<i>	Italic

To modify the previous web page file, format the font by underlining the phrase " مدرستى جميلة ونظيفة ومتطورة"

With the help of the teacher, students do the following:

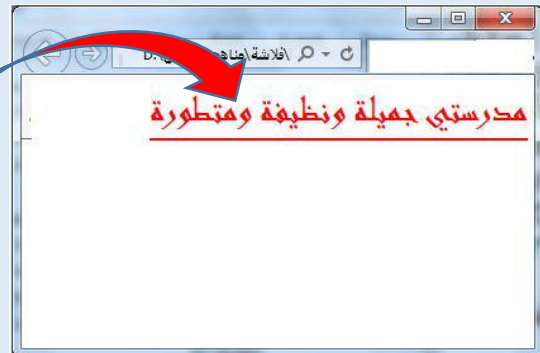
- Add the following code:

<u> مدرستى جميلة ونظيفة ومتطورة </u>

- Save the text file with the .htm extension.
- Open the file in the browser.

```
<html>
<head>
</head>

<body dir="rtl">
<font face="andalus" color="red" size="6">
<u> مدرستي جميلة ونظيفة ومتطور </u>
</font>

</body>
</html>
```

With the help of the teacher, students do the following:

- format the font in the web page to make the phrase " مدرستى جميلة ونظيفة ومتطورة "*italic.*

- format the font in the web page to make the phrase " مدرستى جميلة ونظيفة ومتطورة " *bold.*

Note that:

- To format the font to be italic, we write the code:

<i> مدرستى جميلة ونظيفة ومتطورة </i>

- To format the font to be bold, we write the code:

** مدرستى جميلة ونظيفة ومتطورة **

Secondly : Formatting the background of the web page.

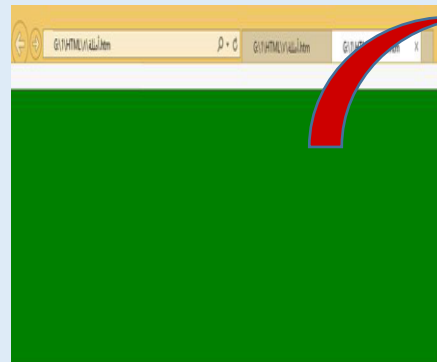
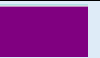
1- Selecting the background color for the web page by the property bgcolor

We use the property bgcolor that connects to the <body> tag to select the color of the web page background.

Cooperating with your classmates and with the help of the teacher:
- Write the tag <body bgcolor="green">

```
<html>
<head>
</head>

<body bgcolor="green" >

</body>
</html>
```

كتابة الكود فى أحد برامج تحرير النصوص

Writing the code in the text formatting

The following table contains some names of colors that can be used as a value to the property bgcolor

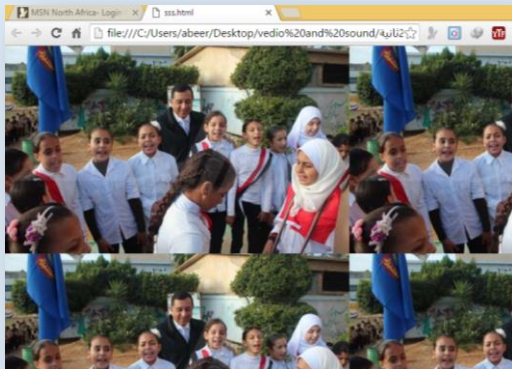
Color									
Color Name	Blue	Brown	Black	Green	Red	White	Yellow	Purple	Sky Blue

formatting the web page background

2- Adding image as a web page background by the property Background

To add an image as a web page background, we use the property Background that relates to the <body> tag.

Cooperating with your classmates and with the help of the teacher do the following:
- Prepare an image file to be put as a web page background.
- Save image inside the same folder that is saved in the web page.
- Write the needed code to add image as a web page background"image1.jpg" <body background="image1.jpg" >
- Save the text file by the .htm extension.
- Open the file in the internet explorer.

Noticing the image display as a web page Background.

```
<html>
<head>
</head>

<body background="image1.jpg" >

</body>
</html>
```

Writing the code in the text editor

The web page after executing the code

Dealing with images in the web pages:

1- Insert image inside the web page by <img> tag.

1- To insert image in the web page, we use <img> tag by selecting the following: The place where we save the image file and the name of the file and we do this by the property src to <img> tag.

With the help of the teacher, students design a web page, its content as follows:

- The text " مدرستى جميلة ونظيفة ومتطورة " is red and underlined.
- The school image displays under the text.

Practice

With the help of the teacher, students search on the internet for the types of image files extensions, which we can used in the web pages.

Important Notes:

- In the previous practice, the image file and the web page file must be in the same folder, so we write the image file name and its extension with the property src.

- In case, there is a file image in another folder, we must write the complete path of the image file.

Formatting the images in the web pages:

The inserted image can be formatted
by controlling the dimensions (height & width) and align it with the web page.

1- Controlling the image dimension in the web page.

We control the image dimension through the properties of the <img> tag as follows:

- The property height. E.g. Height= "200"
- The property width. E.g. Width= "300"

We use the measurement unit "pixel" to measure the image dimensions.

Activity (13)

With the help of the teacher, students insert the image and make its dimensions as follows:

Width= 800 pixel

Height= 450 pixel

In the previous workshop, we write the following code:

<img src="school.jpg" height="450" width="800">

```
<html>
<head>
</head>

<body >
<font face="andalus" color="red" size="6">
مدرستي جميلة ونظيفة ومتطور
</font>
<br>
<img src="shool.jpg" hieght="450" width="800">
</body>
</html>
```

Dealing with images in the web page:

3- Align the image inside the web page

We align the image through the property Align to the <img> tag and the property has the following values:

Value	function
Right	Align the image to the right
Left	Align the image to the left
Middle	Center the text in the middle of the image
Bottom	The text is positioned align down the image
Top	The text is positioned align top the image

Cooperating with your classmates and with the help of the teacher modify the web page in the previous practice as follows:

- formate the image to display the text with the image at the same line and the text aligns the middle of the image.

- Save the text file with the .htm extension.
- Open the file in the Internet Explorer.

```
<html>
<head>
</head>

<body >
<font face="andalus" color="red" size="6">
مدرستي جميلة ونظيفة ومتطور
</font>
<br>
<img src="shool.jpg" align="middle">
</body>
</html>
```


"The text with the image at the same line and the text aligns the middle of the image"

Practice

Cooperating with your classmates and with the help of the teacher do the following:

- Align the image to right of the web page.
- To align the image to position the text align the top of the image.

Notes

- To align the image to the right of the web page, the code is align="right".
- To align the image to position the text to the top of the image, the code is align="right".

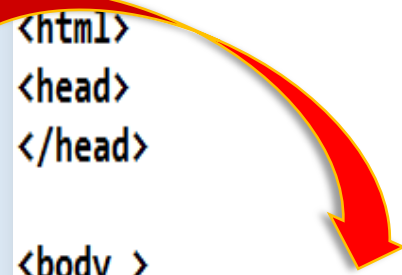
Dealing with the sound in the web page.

Insert the sound as a background sound by <bgsound>tag .

We can insert the sound as a background to the web page to listen to when we download the web page by the browser.

Important Notes:

We must notice that the "Internet Explorer" is the only browser that supports the <bgsound> tag to insert the sound as a background to the web page.

Using <bgsound> and the property src that follows, we insert the sound as a background to the web page. The property src to the tag takes the sound file name value and its extension (and this in case we save the sound file with the web page file in the same folder. Moreover we must write the complete file sound path).

Activity (15)

Creating a web page that when it is opened in the browser "Internet Explorer" the sound file "Egypt.MP3" is played.

With the help of the teacher, students modify the code as it is shown in the picture.

- Save the text file with the htm extension.
- Open the web page file in the Internet Explorer.

Dealing with the video inside the web page

Insert Video in the web page by <embed> tag

By using the <embed> tag, we insert the video inside the web page. We must notice that the tag supports the video file of the type (.swf - .avi - .mov).

By using the <embed> tag and the property src that follows, we insert the video. The property value src takes the name of the video file and its extension(In case, we save the video file with the web page file in the same folder and we must write the complete video file path).

With the help of the teacher, students create a web page which contains video that we can play inside it (internet.avi)

The web page in the browser **Hyperlink**

Insert hyperlink in the web page by the <a>…tag .

Hyperlink is a hyper image or a hypertext, connected to a title and when we click it, we move to this title and it can be in the same page or in another one, in the same site or in another one.

Cooperating with your classmates and with the help of the teacher do the following:

- Download the Ministry of Education web site.
- Search inside the site pages for hyperlinks (hypertext or hyper image)

Follow these hyper texts and images by clicking on them. -

- Discuss with the students the different shapes of hyperlinks (in the same page, among the site pages, between site page and its hyperlink with another page in another site.

Hyperlink:

To insert a hyperlink, we use href property to the <a> that selects its value; the needed title, that we want to move to, as follows

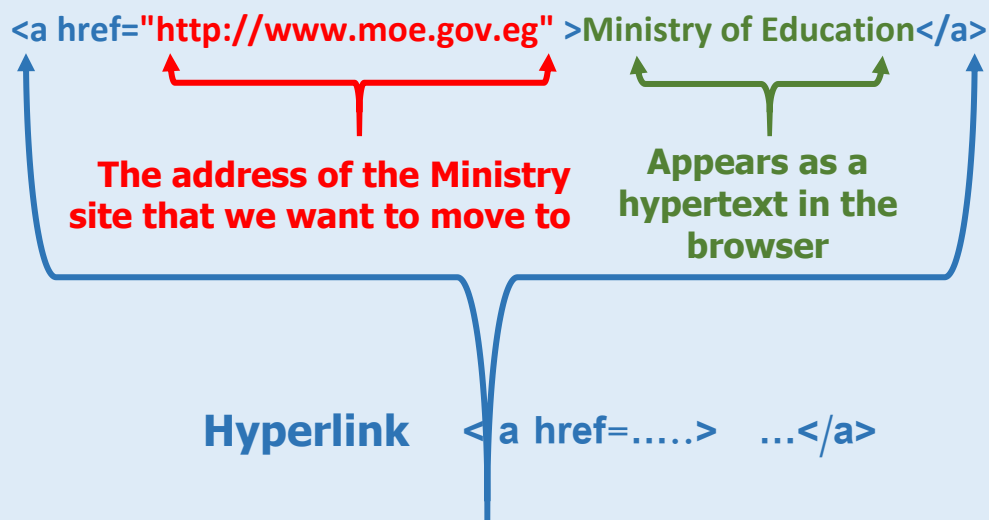
 the text or image

1- Insert hyperlink text by the <a>... tag .

To insert a hyperlink text (hypertext) by href property to the <a> tag.

Activity (17)

Cooperating with your classmates and with the help of the teacher , create a web page that contains a hyperlink text "Ministry of Education). When we click on it, it moves to the main homepage of the Ministry.

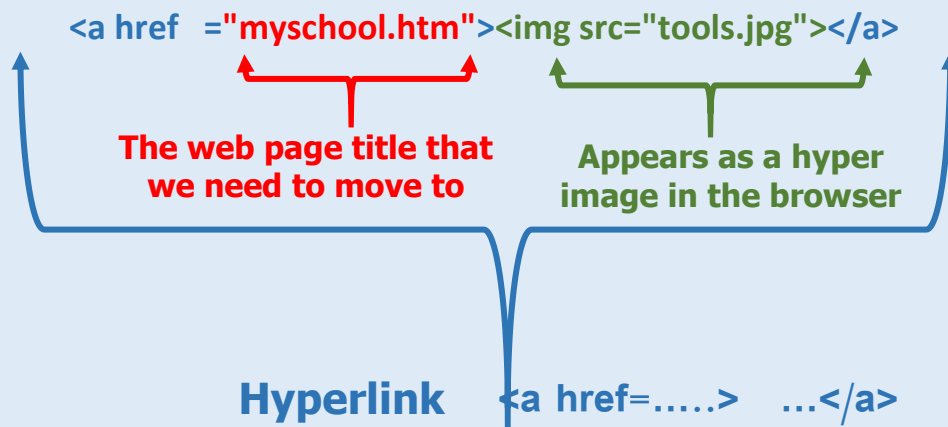
With the help of the teacher, students type the code of the web page as follows:

The steps of creating and executing a hyperlink text

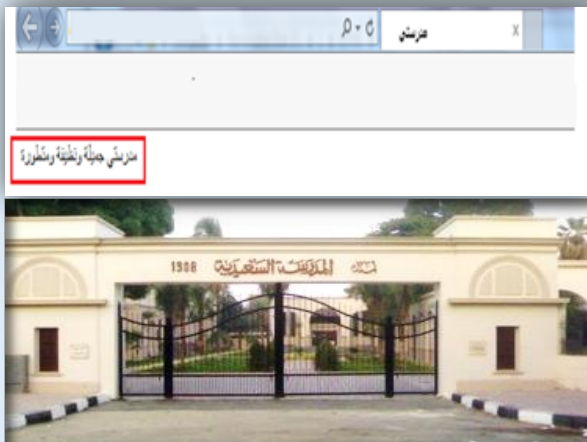
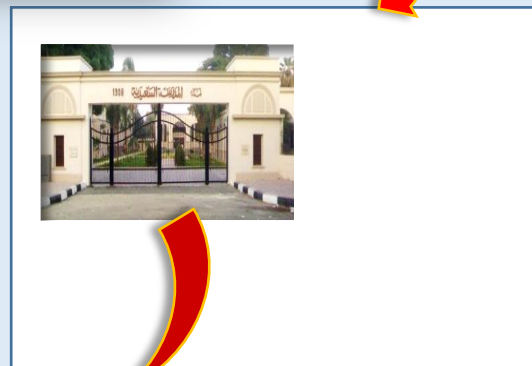
1- Type the code in the text editor and save it.
2- Open the web page in the browser.
3- Click the hypertext in the web page.
4- The Ministry of Education site is loaded.

2- Insert a hyperlink to an image

To make a hyper image, we must follow:
- Display the image by <img> tag.
- Put <img> inside <a>… to make it a hyperlink

Cooperating with your classmates and with the help of the teacher create a web page that contains a hyper image and when we click the image, we move to the web page "My school"

- Modify the code in the previous web page to replace the text by the image "tools.jpg to change the hypertext to a hyper image as follows:

The steps of creating and executing a hyper image

1- Write the code in one of the text editors and save it.

2- Open the web page in the browser and when we click the hyper image, the web page "My school" is loaded.

3- The web page "My school" is loaded.

Remember

Some HTML tags to create a web page as follows:

Tag	Function	Associated Properties
<html>	**Written at the beginning of the code to refer that the document is written by html.**	
<head>	**A place where we write the web page title to the browser**	
<body>	**A place where we write the content that will appear inside the web page**	Dir – bgcolor - background
<title>	**Choose a title to the web page**	
 	Finishing the current line and start a new line	
<center>	**To add a text in the middle of the line**	
	To insert a space between words in the browser	
<font>	**To control the font format**	Face-color-size
<u>	**underline**	
<b>	**bold**	
<i>	**italic**	
<img>	**To display the image in the web page**	src-height-width-align

tag	function	Associated properties
<bgsound>	**To insert sound as a background to the web page**	**src**
<embed>	**To add a sound or video to the web page**	**src**
<a>	**To create a hyperlink**	href
<input>	**To input data through the web page by different ways depending on the property value type**	**type**
<form>	**Create a model in the web page**	**action**

Questions & Practice

Question: 1   Choose the suitable correct answer to the following phrases:

1- HTML refers to the phrase...........

a- Hyper Text Markup Library.
b- Help Table Made Layout.
c- Hyper Text Markup Language.

2- The web page which uses HTML in its design, it is only considered a......page.

a- interactive
b- Active
c- static

3- Using languages like JavaScript and PHP besides HTML in the design of the web page is to modify the page to...........

a- interactive
b- Homepage
c- subpage

4- To display a text on the web page, we write the text in the...............

a- Head
b- Title
c- Body

5- We must save the HTML file with the extension……………..

a- Docx
b- Jpg
c- Htm

6- To display the text "italic" on the web page, we use the tag………

a- <u>
b- <i>
c- <b>

7- To select the background color of the web page, we use the property…….

a- bgcolor
b- background
c- color

8- The property which is connected to the <img> tag, one of these properties is……
a- path
b- href
c- src

9- The <a> tag ,is used to………………………inside the web page.
a- align text
b- add a hyperlink
c- play video

10- To select the font type in <font> tag , we use the property………..
a- Font name
b- size
c- face

Question 2: Match (A) from (B):

(A)	(B)
1- Web Site	( ) a document with e-content that is published on the internet and is displayed by the browser.
2- Homepage	( ) display read-only information without the ability to do processing from guests to the content
3- Web Page	( ) a place on the internet that is consisted of a web page or more and is visited through specific titles
4- Static Page	( ) the first page on the web site and through it we easily move to the rest pages.
5- Dynamic / Interactive page	( ) the property to move to the site pages.
	( ) information page that displays an interactive content to the guests to interact and process it.

Question 3 : Put (✓) or the correct sentence and (X) for the wrong one:

1-HTML is used to create interactive web pages. (……..)

2- JavaScript is used to modify the static page to interactive page. (……..)

3- The tag that is written at the beginning of the code to refer that the document is written by html is <title>. (…….)

4- to control the number of the spaces between words, we use the symbol . (…….)

5- To add image to the web page, we use the <img> tag. (…….)

Question: 4 Say the main code which is needed to create the HTML file?

```
<img src= "school.png">
```

Although there are no errors in the previous code, the image doesn't display on the web page when loading it by the browser. Give a reason?

Question: 5 Explain what is meant by the following codes:

<Title> My School </Title>

……………………………………………………………………………………

<body bgcolor="green">

……………………………………………………………………………………

<Img src = "school.png">

……………………………………………………………………………………

<font face="andalus">

……………………………………………………………………………………

<bgsound src="egypt.MP3">

……………………………………………………………………………………

Answer the questions using
MS Word program from the fourth lesson answer file in the folder (model answer and projects)

A question to prepare for the next lesson:
After creating a web page and adding its content.
How can you create a web site?

The first project

A practical project to design a web site

"My school web site"

Objectives

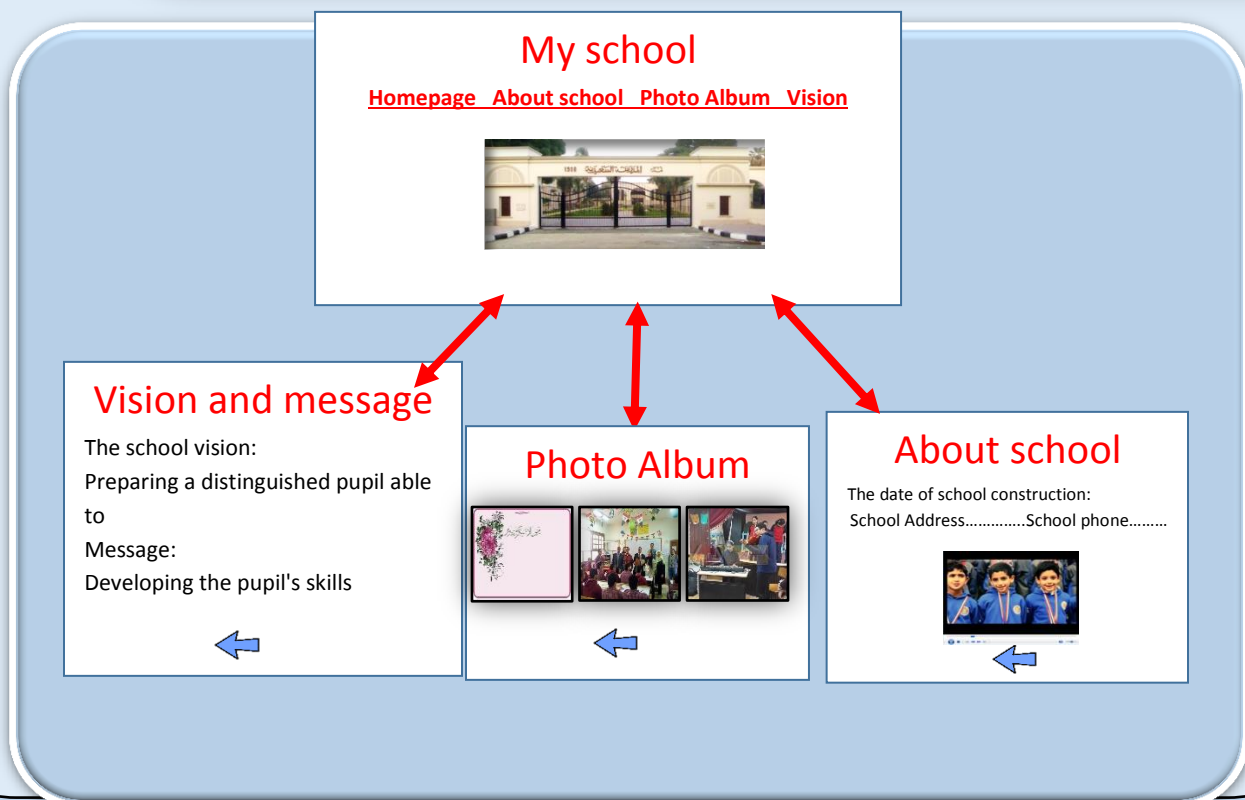
The general objective:

To create a web site by a HTML language

The specific objectives (practical)

By the end of this lesson the student will be able to:

- specify the number of the site pages from the Structural design of the website.
- create the various page of the web using the HTML.
- insert a hyperlink among the site pages.

Creating the project "My school web site"

A Structural design to the project "My school web site"

Creating my school web site

From the Structural design of the web site, it is clear that it consists of five web pages as follows:

1. **The Home page "My school" is saved as Home.htm .**
2. **The web page "About school" is saved as About.htm.**
3. **The web page "Images Album" is saved as Photo.htm.**
4. **The web page "Vision and message" is saved as Vision.htm.**
5. **The web page "Contact us" is saved as Contact.htm.**

Creating and saving each web page will be as text file created by the HTML.

Creating the "Homepage"   Home.htm

My school

Homepage About school Photo Album Vision and message Contact us

The home web page consists of:

- The text "مدرستى" The font (colour: red-type: Tahoma-size: 6)
- Five text hyperlinks.
- Image

The code of the "Home" web page as follows:

```
<head>
<title>مدرستي</title>
</head>
<body bgcolor="skyblue" dir="rtl">
<center>
<font face="tahoma" color="red" size="6">مدرستي</font>
<br>
<font face="andalus" color="purple" size="5">
<a href="home.htm">الصفحة الرئيسية </a>   
<a href="about.htm">عن المدرسة </a>     
<a href="photo.htm">ألبوم الصور  </a>   
<a href="photo.htm">الرؤية والرسالة   </a>   
<a href="contact.htm">اتصل بنا</a>
<br><br>
<img src="school.png" height="450" width="800">
</center>
</body>
</html>
```

Creating the web page "About School" about.htm

The web page "About School" consists of:

- Texts: "The date of its construction" – "The school address" – The school phone"

- The font (color: red- face: Tahoma – size: 6)

- Video

- Image hyperlink(on clicking, we return to the Homepage

The code of the web page "About School as follows:

About School

The date of the school construction

The school address ..The

l phone

```
<html>
<head>
<title>مدرستي</title>
</head>
<body bgcolor="skyblue" dir="rtl">
<center>
<font face="andalus" color="red" size="6">
عن المدرسة <br>
تاريخ نشئه المدرسة <br>
عنوان المدرسة: القاهرة – السيدة زينب<br>
التليفون:١٢٣٤٥٦٧٨٩ <br>
المرحلة: تعليم أساسي<br>
<embed src="video.mp4" height=300" width="300" >
<br><br>
<a href="home.htm"><img src="back.jpg" height=100" width="100"></a>
</center>
</body>
</html>
```

Creating the web page "Photo Album" photo.htm

The web page "About School" consists of:
- The text "Photo Album"
- The font (color: red – face: Tahoma- size: 6).
- 3 images
- Image hyperlink (on clicking, we return to the Homepage)

The code of the web page "About School" as follows:

Creating the web page "Vision and Mission"vision.htm

```
<html>
<head>
<title>مدرستي</title>
</head>
<body bgcolor="skyblue">
<center>
<font face="tahoma" color="red" size="6">
ألبوم الصـــــور<br>
<img src="students.jpg" height="400" width="300">
<img src="teachers.jpg" height="400" width="300">
<img src="yard.jpg" height="400" width="200"> <br>
<a href="home.htm" ><img src="back.jpg" height="100" width="100"></a>
</center>
</body>
</html>
```

The web page "Vision and Mission" consists of:
- The text "Vision and Mission"
- The font (colour: red – face: Tahoma- size: 6).
- The text "The school vision……"
The code of the web page "Vision and Mission" as follows:


```
<head>
<title>مدرستي</title>
</head>
<body bgcolor="skyblue">
<center>
<font face="tahoma" color="red" size="6">
<u> رؤية المدرسة </u>
<br><br>
إعداد طالب متميز...<br>
الرسالة<br>
تنمية مهارات الطالب...<br>
<br><br>
<a href="home.htm" ><img src="back.jpg" height="100" width="100"></a>
</center>
</body>
</html>
```

The Second Project

With the help of your teacher design, create and save the following:

First: a text file using the text editor program that includes the following:

The concept of the following:

WebSite – WebPage – Homepage- Static Webpages – Interactive WebP ages

- The steps to create audio file as follows:

First: Preparation

Second: Executing an audio file

Third: Modifying the audio volume

Fourth: Export audio to the file.

- The steps of creating video

- The steps of saving the video project- save project.

- The steps of modifying the video shots through….

- The steps of exporting the video to a file with an available extension.

Second: Creating a presentation about creating web pages using HTML to include the following:

- The next main rules to create web page using the HTML Tags.
- The structure steps to create web page by HTML Tags.
- Adding a content to the web page (text- image- video – hyperlink)
- formatting the web page content.
- Inserting a hyperlink inside the web page / among the site pages.